

VACUMET

VACUMET CORP.
METALLIZED PAPER DIVISION
5705 COMMERCE BOULEVARD
MORRISTOWN, TN 37814

2009 OCT 27 AM 10:36

(423) 586-5021
(423) 318-0420 (Fax)

October 19, 2009

Mr. Barry Stephens
Technical Secretary
Division of Air Pollution Control
Attn: Operating Permits Program
9th Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1531

Dear Mr. Stephens,

Subject: Semi-Annual Report, April 1, 2009 through September 30, 2009

Attached is the Semi-Annual Report for Vacumet's Metallized Paper Division facility located at 5705 Commerce Boulevard, Morristown, TN as required under Air Pollution Permit # 559215 (issued on August 5, 2009 during this reporting period). The period covered by this report is April 1, 2009 through September 30, 2009.

One deviation was reported during this semiannual period. This involved an excess of emissions related to coatings used on the Magnographics Coater (Source #32-0169-04). The permit limit for coatings used on this coater is 2.9 pounds VOC/gallon of coating as a monthly average. During August 2009, the monthly average reached 3.37 pounds VOC/gallon of coating. In July, a very significant staffing change occurred. Along with the staffing change, product mix changed. With the change in product mix, the coatings used then did not average out properly, hence the deviation. All other months during this reporting period met the standard including September after the discovery of the deviation and the implementation of corrective actions. A copy of the deviation report is attached.

If you have any additional questions about this notification or need additional information, please contact me at 423-585-3152.

Sincerely,



Keith Horvath
Facility Manager

KH/gcm

Enclosure (1)

cc: File

SEMIANNUAL REPORT

Air Permit # 559215-SM-PSD

VACUMET, METALLIZED PAPER DIVISION

MORRISTOWN, TENNESSEE

April 1, 2009 through September 30, 2009

Submitted to:

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL
9TH FLOOR, L&C ANNEX
401 CHURCH STREET
NASHVILLE, TN 37243-1531**

Submitted by:

**VACUMET, METALLIZED PAPER DIVISION
5705 COMMERCE BOULEVARD
MORRISTOWN, TENNESSEE 37814**

October 2009

SUMMARY

This semiannual compliance report and the information included in the report are submitted as required by the Air Permit # 559215-SM-PSD. Each condition within the permit that contains a requirement for recordkeeping, logging, or reporting on a semiannual basis has been checked and verified for compliance. Included with this report are summaries of those permit conditions requiring reporting through the semi-annual reporting.

As required in the air permit, compliance with the applicable requirements is included using operational data reported. This data includes material usage logs, emissions reports, semiannual reports, inspection logs, and maintenance logs. These logs, reports, and logs and appropriate certifications are attached to this report.

Deviations – One deviation was reported during this semiannual period from April 1, 2009 through September 30, 2009. This involved an excess of emissions related to coatings used on the Magnographics Coater (Source #32-0169-04). The permit limit for coatings used on this coater is 2.9 pounds VOC/gallon of coating as a monthly average. During August 2009, the monthly average reached 3.37 pounds VOC/gallon of coating. In July, a very significant staffing change occurred. Along with the staffing change, product mix changed. With the change in product mix, the coatings used then did not average out properly, hence the deviation. All other months during this reporting period met the standard including September after the discovery of the deviation and the implementation of corrective actions. A copy of the deviation report is attached.

Malfunctions – Malfunctions were reported and appropriately logged at the site. The log is available for inspection. With MACT no longer applicable to plant operations, we continue to log malfunctions as part of our overall control of operations.

Notice of Violation – No Notices of Violation were received by Vacumet during this reporting period from April 1, 2009 through September 30, 2009.

This semiannual report has been prepared in accordance with the conditions outlined in the air permit. Vacumet believes this report is complete and includes all relevant regulatory information required by the permit.

SEMIANNUAL REPORTING REQUIREMENTS

Reporting Period: April 1, 2009 through September 30, 2009

Reporting Date: October 19, 2009

The following are a brief description of the permit conditions that are addressed in this semiannual report.

E2(a): Requires Semi-Annual Reporting

This report meets that reporting requirement. The original permit dated August 5, 2009 indicated that the six month period from "September 1, 2009 to March 31, 2010" is the applicable reporting period. We discussed this with Sunanda Shajikumar in August 2009. She indicated that this was in error and the reporting period is through the end of September with the next period starting on October 1, 2009 and ending on March 31, 2009. In this section, Conditions for reporting are E3-5, E4-1, E4-3, E4-5, E4-9, E4-10 and E5-4 are the requirements for reporting in this semi-annual report.

The annual certification report is due for the period from April 1, 2009 through March 31, 2010.

E3-2: Visible emissions opacity requirements (applies to all sources at the facility)

No opacity readings were required based on the opacity matrix decision tree in Attachment 1 of the

permit.

E3-5: Emissions of Any Hazardous Air Pollutant Cannot Exceed 9.9 Tons

Please see attached Combined HAP Log (Usage). The amount used for the previous 12 months totals 0.08 tons HAP (includes all HAPs known to be used at the facility).

E4-1: VOC ton per year limit for Source 32-0169-01

Records required under condition E4-12 of the permit were maintained to demonstrate compliance with this requirement. A copy of these records for the reporting period is attached.

The information related to coatings reflects data for "as supplied" coatings.

E4-3: Alternative operating scenario recordkeeping requirements for Source 32-0169-01

Alternative Operating Scenario #2 (AOS #2) were used exclusively throughout the reporting period. Alternative Operating Scenario #1 (AOS #1) was not used during the reporting period.

E4-4: Low VOC coating requirements while under operating AOS #1 for source 32-0169-01

AOS #1 was not used during this reporting period. Records required under condition E4-5 of the permit will be maintained to demonstrate compliance with this requirement in the event AOS #1 is used. As stated in the permit, condition E4-4 only applies when operating under AOS #1.

E4-5 and E4-6: Recordkeeping for VOC's and HAP's requirements while operating under AOS #1 for Source 32-0169-01:

AOS#1 was not used during this reporting period. Records required under this condition will be maintained to demonstrate compliance with this requirement in the event AOS #1 is used. As stated in the permit, condition E4-5 only applies when operating under AOS #1.

It is noted that MEK is no longer a HAP and has been removed from all HAP calculations in this report. However, some reporting formats still include the MEK content.

E4-7: Control device requirements while operating under AOS #2 for Source 32-0169-01:

Records have been maintained under condition E4-9 to demonstrate compliance with this requirement. A copy of these records for the reporting period is attached.

E4-8: Permanent Total Enclosure Meeting Requirements:

The Permanent Total Enclosure met requirements under Procedure #204 in 2006. No modifications have taken place since that testing except routine maintenance.

E4-9: Thermal incinerator requirements while operating under AOS #2 for Source 32-0169-01:

Records have been maintained under condition E4-9 to demonstrate compliance with this requirement. A copy of these records for the reporting period is attached. See the Malfunction Log maintained at the facility for details on the events.

E4-10: Recordkeeping requirements while operating under AOS #2 for Source 32-0169-01:

A copy of these records for the reporting period is attached.

Beginning with reporting for October 2005, the most current overall control efficiency is being used for

calculation purposes. The most recent testing March 2006 indicated an overall control efficiency of 96.96%. This was implemented in reporting with emissions numbers for this coater moving upward slightly owing to the performance test result when compared to pre-March 2006 reporting.

The stack testing event conducted in 2005 resulted in a central chamber temperature finding of 1636°F as the baseline for reporting. During the period, the three (3) hour average temperature did not drop below this level.

Beginning with the April 2006 reporting, Methyl Ethyl Ketone was removed from consideration as a HAP. This is consistent with federal and state regulation removing Methyl Ethyl Ketone from the listing of HAPs. However, some reporting formats still include the MEK content.

Attached is a copy of the sample of the temperature reporting showing 3-hour blocks of temperature in the thermal oxidizer. We have arbitrarily chosen (pick date for reporting temperature) as the example for this report.

(The following two requirements are no longer in the current permit but are reported as part of the transition from previous permit to renewed permit.)

E4-11: VOC and HAP emissions recordkeeping requirement for Source 32-0169-01:

A copy of this record for the reporting period is attached. See notes in comments on E4-9 above concerning additional changes in recordkeeping under this section.

Beginning with April 2006 reporting, Methyl Ethyl Ketone will be removed from consideration as a HAP. This is consistent with federal and state regulation removing Methyl Ethyl Ketone from the listing of HAPs. However, some reporting formats still include the MEK content.

Toluene, a HAP, is included in this reporting.

During the period, no new coatings were introduced into operations. The attached listing of coating information is current for operations from April 1, 2009 through September 30, 2009.

E4-12: VOC and HAP recordkeeping requirements for Source 32-0169-01:

A copy of this record for the reporting period is attached. See notes in comments on E4-9 above concerning additional changes in recordkeeping under this section.

Beginning with April 2006 reporting, Methyl Ethyl Ketone will be removed from consideration as a HAP. This is consistent with federal and state regulation removing Methyl Ethyl Ketone from the listing of HAPs. However, some reporting formats still include the MEK content.

Toluene, a HAP, is included in this reporting.

During the period, no new coatings were introduced into operations. The attached listing of coating information is current for operations from April 1, 2009 through September 30, 2009.

E-5-1: VOC ton per year limit for Source 32-0169-04:

Records have been maintained under permit requirement E5-4 to demonstrate compliance with this condition. A copy of this record for the reporting period is attached. The rolling amounts of VOC emissions after control for the period are:

Source 32-0169-04

Month/Year	Monthly VOC Emissions (tons)@96.96% Control	12- Month Rolling Total Amount of VOC's Emissions (tons)@96.96% Control
April 2009	7.39	107.76
May 2009	6.62	104.41
June 2009	8.15	103.45
July 2009	9.67	103.79
August 2009	0.50	93.37
September 2009	0.78	84.94

Note – The most recent stack testing overall control efficiency was used for this reporting (96.96%)

E5-2: VOC limit for coating for Source 32-0169-01:

Records have been maintained under permit requirement E5-3 to demonstrate compliance with this condition. A copy of this record for the reporting period is attached. See table above for further information.

During the period, no new coatings were introduced into operations. The attached listing of coating information is current for operations from April 1, 2009 through September 30, 2009.

One deviation was reported during this semiannual period from April 1, 2009 through September 30, 2009. This involved an excess of emissions related to coatings used on the Magnographics Coater (Source #32-0169-04). The permit limit for coatings used on this coater is 2.9 pounds VOC/gallon of coating as a monthly average. During August 2009, the monthly average reached 3.37 pounds VOC/gallon of coating. In July, a very significant staffing change occurred. Along with the staffing change, product mix changed. With the change in product mix, the coatings used then did not average out properly, hence the deviation. All other months during this reporting period met the standard including September after the discovery of the deviation and the implementation of corrective actions. A copy of the deviation report is attached.

E5-4: VOC and HAP recordkeeping requirement:

A copy of these records is attached.

Both methyl methacrylate and glycol ethers (both HAPs) are incorporated into this report as well as formaldehyde through the renewal permit requirement..

Information concerning Source 32-0169-04 is presented below:

Source 32-0169-01

Month/Year	Monthly VOC Emissions (tons)	12- Month Rolling Total Amount of VOC's Emissions (tons)
April 2009	3.26	31.69
May 2009	2.88	31.69
June 2009	1.85	30.74
July 2009	2.70	30.74
August 2009	0.08	28.33
September 2009	0.13	25.67

Total VOC emissions from the facility (summation of VOC emissions from Sources 32-0169-01 and 32-0169-04 are:

Summed Emissions from Source 32-0169-01 and Source 32-0169-04

Month/Year	Monthly Emissions Summary			12 Month Emissions Summary		
	Source 32-0169-01 (tons)	Source 32-0169-04 (tons)	VOC Emissions Both Sources (tons)	Source 32-0169-01 (tons)	Source 32-0169-04 (tons)	VOC's Emissions Both Sources (tons)
April 2009	3.26	7.39	10.65	31.69	107.76	108.08
May 2009	2.88	6.62	9.50	31.69	104.41	136.10
June 2009	1.85	8.15	10.00	30.74	103.45	134.19
July 2009	2.70	9.67	12.37	30.74	103.79	134.53
August 2009	0.08	0.50	0.58	28.33	93.37	121.70
September 2009	0.13	0.78	0.91	25.67	84.94	110.61

I certify based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Keith Horvath, Facility Manager

Name and Title of Responsible Official

Signature of Responsible Official

423-585-3152

Telephone Number with Area Code

Date of Signature

2009 OCT 27 AM 10:36

VOC AND HAP EMISSION "AS SUPPLIED" LOG
PERMIT CONDITION E3-3

VOC/HAP/WATER & EXEMPT COMPOUND CONTENT LOG FOR SOURCES 32-0169-01 & 32-0169-04

MATERIAL NAME	MATERIAL DENSITY (pounds MATERIAL per gallon)	VOC CONTENT (pounds VOC per gallon)	WATER & EXEMPT COMPOUND % (% by volume)	Column was formerly used for Methyl Ethyl Ketone	Toluene CONTENT (pounds HAP per gallon)	Methyl Methacrylate CONTENT (pounds HAP per gallon)	Glycol Ether CONTENT (pounds HAP per gallon)	TOTAL HAP CONTENT (pounds HAP, thiophane HAP, per gallon)
DP2000	8.32	0.02	74.39	MEK	0.00	0.00	0.00	0.00
E4	8.70	0.25	64.00	is no longer a HAP	0.00	0.00	0.00	0.00
E7	8.60	0.32	63.92		0.00	0.00	0.00	0.00
E7-D	7.10	0.00	0.00		0.00	0.00	0.00	0.00
E8	8.60	0.32	63.92		0.00	0.00	0.00	0.00
E9	8.51	0.00	73.00		0.00	0.00	0.00	0.00
E10	8.70	0.15	66.74		0.00	0.00	0.00	0.00
E11	8.70	0.32	77.20		0.00	0.00	0.00	0.00
E16	6.50	5.20	0.00		0.00	0.00	0.00	0.00
E25	8.60	0.30	59.50		0.00	0.00	0.00	0.00
E25-D	7.00	3.50	0.00		0.00	0.00	0.00	0.00
E31	7.68	4.62	0.00		0.01	0.00	0.00	0.01
E37	7.21	5.74	0.00		0.00	0.00	0.00	0.00
E40	8.60	0.13	61.35		0.00	0.00	0.00	0.00
E40G	8.60	0.13	61.35		0.00	0.00	0.00	0.00
E40G-O	9.84	0.05	65.77		0.00	0.00	0.02	0.02
E40G-Y	9.30	0.04	62.41		0.00	0.00	0.02	0.02
E42	8.60	0.30	59.50		0.00	0.00	0.00	0.00
E42-D	7.00	3.50	0.00		0.00	0.00	0.00	0.00
E43	7.32	5.40	0.00		0.00	0.00	0.00	0.00
E50-W	8.18	0.72	60.45		0.00	0.00	0.00	0.00
E50-C	8.87	0.18	52.80		0.00	0.001	0.00	0.001
E51	8.24	0.85	63.59		0.00	0.00	0.00	0.00
E52	8.33	0.97	69.04		0.00	0.00	0.00	0.00
E126	8.70	0.25	64.00		0.00	0.00	0.00	0.00
E149	8.58	0.00	70.00		0.00	0.00	0.00	0.00
GC36700267	8.44	0.25	57.91		0.00	0.00	0.00	0.00
6433	7.93	0.00	0.00		0.00	0.00	0.00	0.00
6454	7.70	0.00	0.00		0.00	0.00	0.00	0.00

Coating Initial Date of Use	June-07	Coating Initial Date of Use	June-07	Coating Formula Revised Date
E50	(Green)	E9 (Q133)	GC36700267	May-09 E31
E4/E126	August-05	Q149	June-08	E37
DP2000	January-06	6433(ND2)	June-08	E10
		6454(RD6)	July-08	

Note: This table must be updated within 90 days of using a new coating formulation.
* Glycol Ether refers to Diethylene Glycol Monoethyl Ether

February-05
May-05
January-06

TOTAL HAP USAGE

PERMIT CONDITION E3-5

Combined HAP Log (Usage)

Single HAP Log

January-09 (Month/Year)

**Each HAP for
Rolling 12
Months**

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.06	0.00	0.06	0.06
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.06	0.00	0.06	0.06

Single HAP Log

February-09 (Month/Year)

**Each HAP for
Rolling 12
Months**

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.01
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.06
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.06

Single HAP Log

March-09 (Month/Year)

**Each HAP for
Rolling 12
Months**

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.01
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.06
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.06

Single HAP Log

April-09 (Month/Year)

**Each HAP for
Rolling 12
Months**

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.01
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.06
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.07

Single HAP Log

May-09 (Month/Year)

**Each HAP for
Rolling 12
Months**

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.01
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.06
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.07

Single HAP Log

June-09 (Month/Year)

**Each HAP for
Rolling 12
Months**

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.02
Glycol Ethers	0.00	0.00	0.00	0.00	0.00

Methyl Methacrylate	0.00	0.00	0.00	0.00	0.06
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.07

Single HAP Log

July-09 (Month/Year)

Each HAP for
Rolling 12
Months

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.02
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.06
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.08

Single HAP Log

August-09 (Month/Year)

Each HAP for
Rolling 12
Months

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.02
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.06
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.08

Single HAP Log

September-09 (Month/Year)

Each HAP for
Rolling 12
Months

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.02
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.06
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.08

Single HAP Log

October-08 (Month/Year)

Each HAP for
Rolling 12
Months

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log

November-08 (Month/Year)

Each HAP for
Rolling 12
Months

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log

December-08 (Month/Year)

Each HAP for
Rolling 12
Months

HAP Name	Source 01 (Faustel)	Source 02 Magnographics	From Cleanup Solvents	Total HAPs (tons/month)	

Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Combined HAP Log

Month	Source 01 - Combined HAP	Source 02 - Combined HAPs	Clean Up Solvents -- Combined HAPs	Emissions from Facility (tons/month)	Total HAP Emissions for
					Rolling 12 Month
January	0.00	0.06	0.00	0.06	0.06
February	0.00	0.00	0.00	0.00	0.06
March	0.00	0.00	0.00	0.00	0.06
April	0.00	0.00	0.00	0.00	0.07
May	0.00	0.00	0.00	0.00	0.07
June	0.00	0.00	0.00	0.00	0.07
July	0.00	0.00	0.00	0.00	0.08
August	0.00	0.00	0.00	0.00	0.08
September	0.00	0.00	0.00	0.00	0.08
October	0.00	0.00	0.00	0.00	0.00
November	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	0.00	0.00

ALTERNATE OPERATING SCENARIO LOG

PERMIT CONDITION E4-3

ALTERNATIVE OPERATING SCENARIO LOG FOR SOURCE 32-0169-01

**MONTHLY INCINERATOR LOG, MAINTENANCE LOG,
AND THERMAL OXIDIZER TEMPERATURE LOG**

PERMIT CONDITION E4-9

Faustel Coater -- Source # 32-0169-01

Monthly Operation Times

Month	Days of Compliant Coatings	Days of Non-Compliant Coatings, Incinerator On, & Enclosures in Place	Days of Month	Days of Operation
Apr-09	0	18	31	18
May-09	0	14	30	14
Jun-09	0	21	31	21
Jul-09	0	16	31	16
Aug-09	0	2	31	2
Sep-09	0	4	30	4

Daily Operation Times

Date	Non-Compliant Coatings, Incinerator On, & Enclosures in Place		Compliant Coatings Date	Non-Compliant Coatings, Incinerator On, & Enclosures in Place		Compliant Coatings Date	Non-Compliant Coatings, Incinerator On, & Enclosures in Place	
	AOS #1	AOS #2		AOS #1	AOS #2		AOS #1	AOS #2
04/01/09		X	06/01/09		X	08/01/09		Not in Operation
04/02/09		X	06/02/09		X	08/02/09		Not in Operation
04/03/09	Not in Operation		06/03/09		X	08/03/09		Not in Operation
04/04/09	Not in Operation		06/04/09		Not in Operation	08/04/09		Not in Operation
04/05/09	Not in Operation		06/05/09		Not in Operation	08/05/09		Not in Operation
04/06/09		X	06/06/09		Not in Operation	08/06/09		Not in Operation
04/07/09		X	06/07/09		Not in Operation	08/07/09		Not in Operation
04/08/09		X	06/08/09		X	08/08/09		Not in Operation
04/09/09		Not in Operation	06/09/09		X	08/09/09		Not in Operation
04/10/09		Not in Operation	06/10/09		X	08/10/09		Not in Operation
04/11/09		Not in Operation	06/11/09		X	08/11/09		X
04/12/09		Not in Operation	06/12/09		X	08/12/09		Not in Operation
04/13/09		X	06/13/09		Not in Operation	08/13/09		Not in Operation
04/14/09		X	06/14/09		Not in Operation	08/14/09		Not in Operation
04/15/09		X	06/15/09		X	08/15/09		Not in Operation
04/16/09		X	06/16/09		X	08/16/09		Not in Operation
04/17/09		Not in Operation	06/17/09		X	08/17/09		Not in Operation
04/18/09		Not in Operation	06/18/09		X	08/18/09		Not in Operation
04/19/09		Not in Operation	06/19/09		X	08/19/09		Not in Operation
04/20/09		X	06/20/09		Not in Operation	08/20/09		Not in Operation
04/21/09		X	06/21/09		Not in Operation	08/21/09		Not in Operation
04/22/09		X	06/22/09		X	08/22/09		Not in Operation
04/23/09		X	06/23/09		X	08/23/09		Not in Operation
04/24/09		Not in Operation	06/24/09		X	08/24/09		Not in Operation
04/25/09		Not in Operation	06/25/09		X	08/25/09		X
04/26/09		Not in Operation	06/26/09		X	08/26/09		Not in Operation
04/27/09		X	06/27/09		Not in Operation	08/27/09		Not in Operation
04/28/09		X	06/28/09		Not in Operation	08/28/09		Not in Operation
04/29/09		X	06/29/09		X	08/29/09		Not in Operation
04/30/09		X	06/30/09		X	08/30/09		Not in Operation
05/01/09		Not in Operation	07/01/09		X	08/31/09		Not in Operation
05/02/09		Not in Operation	07/02/09		X	09/01/09		Not in Operation
05/03/09		Not in Operation	07/03/09		Not in Operation	09/02/09		Not in Operation
05/04/09		X	07/04/09		Not in Operation	09/03/09		X
05/05/09		X	07/05/09		Not in Operation	09/04/09		Not in Operation
05/06/09		X	07/06/09		X	09/05/09		Not in Operation
05/07/09		X	07/07/09		X	09/06/09		Not in Operation
05/08/09		Not in Operation	07/08/09		X	09/07/09		Not in Operation
05/09/09		Not in Operation	07/09/09		X	09/08/09		X
05/10/09		Not in Operation	07/10/09		X	09/09/09		Not in Operation
05/11/09		X	07/11/09		Not in Operation	09/10/09		Not in Operation
05/12/09		X	07/12/09		Not in Operation	09/11/09		Not in Operation
05/13/09		X	07/13/09		X	09/12/09		Not in Operation
05/14/09		X	07/14/09		X	09/13/09		Not in Operation
05/15/09		Not in Operation	07/15/09		X	09/14/09		X
05/16/09		Not in Operation	07/16/09		X	09/15/09		X
05/17/09		Not in Operation	07/17/09		X	09/16/09		Not in Operation
05/18/09		X	07/18/09		Not in Operation	09/17/09		Not in Operation
05/19/09		X	07/19/09		Not in Operation	09/18/09		Not in Operation
05/20/09		X	07/20/09		X	09/19/09		Not in Operation
05/21/09		X	07/21/09		X	09/20/09		Not in Operation
05/22/09		Not in Operation	07/22/09		X	09/21/09		Not in Operation
05/23/09		Not in Operation	07/23/09		Not in Operation	09/22/09		Not in Operation
05/24/09		Not in Operation	07/24/09		Not in Operation	09/23/09		Not in Operation
05/25/09		Not in Operation	07/25/09		X	09/24/09		Not in Operation
05/26/09		X	07/26/09		Not in Operation	09/25/09		Not in Operation
05/27/09		X	07/27/09		Not in Operation	09/26/09		Not in Operation
05/28/09		X	07/28/09		Not in Operation	09/27/09		Not in Operation
05/29/09		Not in Operation	07/29/09		Not in Operation	09/28/09		Not in Operation
05/30/09		Not in Operation	07/30/09		Not in Operation	09/29/09		Not in Operation
05/31/09		Not in Operation	07/31/09		Not in Operation	09/30/09		Not in Operation

WO Number	Service	Description	Status	Requested	Issued	Completed	Cost
31130	Daily PM-Incinerator, 3/31/2008	Inspection of Recco incinerator	Completed	3/31/2008 10:12	3/31/2008 10:23	4/9/2008 11:51	0.00
31144	Monthly PM-Incinerator, 4/1/2008	Checklist Inspection of Incinerator	Completed	3/31/2008 10:12	3/31/2008 10:23	4/9/2008 11:51	0.00
31213	Daily PM-Incinerator, 4/14/2008	Inspection of Recco incinerator	Completed	4/9/2008 11:58	4/9/2008 12:08	4/16/2008 10:17	0.00
31214	Daily PM-Incinerator, 4/7/2008	Inspection of Recco incinerator	Completed	4/9/2008 11:58	4/9/2008 12:08	4/16/2008 10:17	0.00
31246	Daily PM-Incinerator, 4/21/2008	Inspection of Recco incinerator	Completed	4/22/2008 8:43	4/22/2008 8:56	4/24/2008 11:37	0.00
31334	Monthly PM-Incinerator, 5/1/2008	Checklist Inspection of Incinerator	Completed	4/25/2008 10:21	4/25/2008 11:41	5/2/2008 8:00	0.00
31320	Daily PM-Incinerator, 4/28/2008	Inspection of Recco incinerator	Completed	4/25/2008 10:21	4/25/2008 11:41	5/2/2008 8:00	0.00
31362	Daily PM-Incinerator, 5/5/2008	Inspection of Recco incinerator	Completed	5/2/2008 12:23	5/2/2008 12:29	5/8/2008 13:52	0.00
31387	Daily PM-Incinerator, 5/12/2008	Inspection of Recco incinerator	Completed	5/8/2008 14:14	5/9/2008 15:18	5/15/2008 12:04	0.00
31425	Daily PM-Incinerator, 5/19/2008	Inspection of Recco incinerator	Completed	5/15/2008 12:29	5/15/2008 12:41	5/22/2008 11:29	0.00
31463	Daily PM-Incinerator, 5/26/2008	Inspection of Recco incinerator	Completed	5/23/2008 9:33	5/23/2008 15:26	5/29/2008 9:09	0.00
31530	Daily PM-Incinerator, 6/2/2008	Inspection of Recco incinerator	Completed	5/30/2008 15:32	5/30/2008 15:35	6/6/2008 15:17	0.00
31545	Monthly PM-Incinerator, 6/2/2008	Checklist Inspection of Incinerator	Completed	5/30/2008 15:32	5/30/2008 15:35	6/6/2008 15:17	0.00
31574	Daily PM-Incinerator, 6/9/2008	Inspection of Recco incinerator	Completed	6/6/2008 15:35	6/6/2008 15:40	6/13/2008 15:00	0.00
31604	Daily PM-Incinerator, 6/16/2008	Inspection of Recco incinerator	Completed	6/13/2008 15:03	6/13/2008 15:09	6/20/2008 9:27	0.00
31641	Daily PM-Incinerator, 6/23/2008	Inspection of Recco incinerator	Completed	6/20/2008 10:24	6/20/2008 13:23	6/25/2008 13:29	0.00
32276	Daily PM-Incinerator, 6/30/2008	Inspection of Recco incinerator	Completed	6/25/2008 15:22	6/27/2008 11:16	7/3/2008 16:18	0.00
32277	Daily PM-Incinerator, 7/7/2008	Inspection of Recco incinerator	Completed	6/25/2008 15:22	6/27/2008 11:16	7/9/2008 13:33	0.00

WO Number	Service	Description	Status	Requested	Issued	Completed	Cost
32300	Monthly PM-Incinerator, 7/1/2008	Checklist Inspection of Incinerator	Completed	6/25/2008 15:22	6/27/2008 11:27	7/18/2008 15:43	0.00
32359	Daily PM-Incinerator, 7/14/2008	Inspection of Recco incinerator	Completed	6/25/2008 15:26	7/7/2008 11:14	7/18/2008 16:00	0.00
32360	Daily PM-Incinerator, 7/21/2008	Inspection of Recco incinerator	Completed	6/25/2008 15:26	7/7/2008 11:14	7/28/2008 11:56	0.00
32305	Annual PM-Incinerator, 7/21/2008	Checklist Inspection of Incinerator	Completed	6/25/2008 15:26	7/28/2008 16:25	7/28/2008 16:25	0.00
32361	Daily PM-Incinerator, 7/28/2008	Inspection of Recco incinerator	Completed	6/25/2008 15:26	7/7/2008 11:14	7/28/2008 16:51	0.00
32389	Monthly PM-Incinerator, 8/1/2008	Checklist Inspection of Incinerator	Completed	6/25/2008 15:26	7/7/2008 11:20	8/5/2008 9:58	0.00
32750	Daily PM-Incinerator, 8/4/2008	Inspection of Recco incinerator	Completed	7/28/2008 13:32	7/29/2008 9:10	8/9/2008 8:50	0.00
32779	Daily PM-Incinerator, 8/11/2008	Inspection of Recco incinerator	Completed	7/28/2008 13:43	7/29/2008 9:17	8/15/2008 12:51	0.00
32803	Daily PM-Incinerator, 8/18/2008	Inspection of Recco incinerator	Completed	7/28/2008 13:44	7/29/2008 9:58	8/21/2008 14:25	0.00
32834	Daily PM-Incinerator, 8/25/2008	Inspection of Recco incinerator	Completed	7/28/2008 13:44	7/29/2008 10:16	8/29/2008 14:56	0.00
32865	Daily PM-Incinerator, 9/1/2008	Inspection of Recco incinerator	Completed	7/28/2008 13:45	9/4/2008 10:54	9/4/2008 10:54	0.00
32903	Daily PM-Incinerator, 9/8/2008	Inspection of Recco incinerator	Completed	9/4/2008 11:16	9/4/2008 14:52	9/13/2008 8:43	0.00
32880	Monthly PM-Incinerator, 9/1/2008	Checklist Inspection of Incinerator	Completed	7/28/2008 13:45	7/29/2008 10:32	9/30/2008 8:50	0.00
32924	Daily PM-Incinerator, 9/15/2008	Inspection of Recco incinerator	Completed	9/4/2008 11:18	9/4/2008 15:06	9/30/2008 8:54	0.00
32946	Daily PM-Incinerator, 9/22/2008	Inspection of Recco incinerator	Completed	9/4/2008 11:20	9/8/2008 10:36	9/30/2008 8:59	0.00
32970	Daily PM-Incinerator, 9/29/2008	Inspection of Recco incinerator	Completed	9/4/2008 11:20	9/8/2008 10:43	10/3/2008 10:06	0.00
33002	Daily PM-Incinerator, 10/6/2008	Inspection of Recco incinerator	Completed	9/4/2008 11:21	10/3/2008 10:14	10/10/2008 11:11	0.00
32984	Monthly PM-Incinerator, 10/1/2008	Checklist Inspection of Incinerator	Completed	9/4/2008 11:20	9/8/2008 10:48	10/10/2008 11:19	0.00

WO Number	Service	Description	Status	Requested	Issued	Completed	Cost
33022	Daily PM-Incinerator, 10/13/2008	Inspection of Recco incinerator	Completed	10/3/2008 10:23	10/3/2008 10:40	10/23/2008 11:17	0.00
33045	Daily PM-Incinerator, 10/20/2008	Inspection of Recco incinerator	Completed	10/3/2008 10:24	10/3/2008 10:56	10/23/2008 11:23	0.00
33066	Daily PM-Incinerator, 10/27/2008	Inspection of Recco incinerator	Completed	10/3/2008 10:25	10/3/2008 11:04	10/31/2008 11:58	0.00
33114	Daily PM-Incinerator, 11/3/2008	Inspection of Recco incinerator	Completed	10/3/2008 10:26	10/31/2008 13:39	11/7/2008 13:20	0.00
33161	Daily PM-Incinerator, 11/10/2008	Inspection of Recco incinerator	Completed	10/27/2008 11:51	10/31/2008 14:35	11/11/2008 10:32	0.00
33129	Monthly PM-Incinerator, 11/3/2008	Checklist Inspection of Incinerator	Completed	10/3/2008 10:26	10/31/2008 13:42	11/25/2008 15:46	0.00
33186	Daily PM-Incinerator, 11/17/2008	Inspection of Recco incinerator	Completed	10/27/2008 11:53	11/11/2008 10:42	11/25/2008 15:53	0.00
33207	Daily PM-Incinerator, 11/24/2008	Inspection of Recco incinerator	Completed	10/27/2008 11:54	11/11/2008 15:38	11/25/2008 17:09	0.00
33370	Daily PM-Incinerator, 12/29/2008	Inspection of Recco incinerator	Completed	11/29/2008 14:54	12/8/2008 9:52	12/8/2008 9:52	0.00
33248	Daily PM-Incinerator, 12/1/2008	Inspection of Recco incinerator	Completed	11/29/2008 14:52	11/30/2008 15:03	12/8/2008 10:02	0.00
33261	Monthly PM-Incinerator, 12/1/2008	Checklist Inspection of Incinerator	Completed	11/29/2008 14:52	11/30/2008 15:08	12/8/2008 10:05	0.00
33285	Daily PM-Incinerator, 12/8/2008	Inspection of Recco incinerator	Completed	11/29/2008 14:52	11/30/2008 16:54	12/15/2008 9:34	0.00
33310	Daily PM-Incinerator, 12/15/2008	Inspection of Recco incinerator	Completed	11/29/2008 14:53	12/8/2008 9:30	12/19/2008 15:13	0.00
33338	Daily PM-Incinerator, 12/22/2008	Inspection of Recco incinerator	Completed	11/29/2008 14:53	12/8/2008 9:40	12/27/2008 11:23	0.00
33382	Monthly PM-Incinerator, 1/1/2009	Checklist Inspection of Incinerator	Completed	11/29/2008 14:54	12/8/2008 9:56	1/9/2009 11:06	0.00
33407	Daily PM-Incinerator, 1/5/2009	Inspection of Recco incinerator	Completed	12/8/2008 10:16	12/8/2008 10:24	1/9/2009 11:11	0.00
33437	Daily PM-Incinerator, 1/12/2009	Inspection of Recco incinerator	Completed	12/8/2008 10:17	1/9/2009 10:20	1/15/2009 8:45	0.00
33476	Daily PM-Incinerator, 1/19/2009	Inspection of Recco incinerator	Completed	12/8/2008 10:18	1/9/2009 10:30	1/20/2009 9:07	0.00
33494	Daily PM-Incinerator, 1/26/2009	Inspection of Recco incinerator	Completed	1/15/2009 8:52	1/20/2009 9:13	1/26/2009 9:43	0.00

WO Number	Service	Description	Status	Requested	Issued	Completed	Cost
33519	Daily PM-Incinerator, 2/2/2009	Inspection of Recco incinerator	Completed	1/15/2009 8:54	1/27/2009 9:49	2/4/2009 9:43	0.00
33534	Monthly PM-Incinerator, 2/2/2009	Checklist Inspection of Incinerator	Completed	1/15/2009 8:54	1/27/2009 9:53	2/4/2009 9:47	0.00
33570	Daily PM-Incinerator, 2/9/2009	Inspection of Recco incinerator	Completed	1/15/2009 8:55	2/4/2009 11:16	2/13/2009 13:19	0.00
33605	Daily PM-Incinerator, 2/16/2009	Inspection of Recco incinerator	Completed	1/15/2009 8:56	2/4/2009 11:27	2/19/2009 16:40	0.00
33633	Daily PM-Incinerator, 2/23/2009	Inspection of Recco incinerator	Completed	1/15/2009 8:57	2/4/2009 11:33	2/25/2009 15:06	0.00
33675	Daily PM-Incinerator, 3/2/2009	Inspection of Recco incinerator	Completed	2/25/2009 15:15	2/26/2009 9:49	3/5/2009 10:15	0.00
33690	Monthly PM-Incinerator, 3/2/2009	Checklist Inspection of Incinerator	Completed	2/25/2009 15:15	2/26/2009 9:54	3/12/2009 12:41	0.00
33710	Daily PM-Incinerator, 3/9/2009	Inspection of Recco incinerator	Completed	2/25/2009 15:16	2/26/2009 10:04	3/12/2009 12:43	0.00
33755	Daily PM-Incinerator, 3/16/2009	Inspection of Recco incinerator	Completed	2/25/2009 15:17	2/26/2009 10:29	3/20/2009 15:01	0.00
33759	Daily PM-Incinerator, 3/23/2009	Inspection of Recco incinerator	Completed	2/25/2009 15:18	2/26/2009 10:34	3/30/2009 8:07	0.00
33788	Daily PM-Incinerator, 3/30/2009	Inspection of Recco incinerator	Completed	2/25/2009 15:18	2/26/2009 10:46	4/1/2009 10:52	0.00
33802	Monthly PM-Incinerator, 4/1/2009	Checklist Inspection of Incinerator	Completed	2/25/2009 15:18	2/26/2009 10:50	4/14/2009 14:05	0.00
33820	Daily PM-Incinerator, 4/6/2009	Inspection of Recco incinerator	Completed	2/25/2009 15:19	2/26/2009 10:55	4/14/2009 14:10	0.00
33847	Daily PM-Incinerator, 4/13/2009	Inspection of Recco incinerator	Completed	2/25/2009 15:20	2/26/2009 11:10	4/14/2009 14:18	0.00
33873	Daily PM-Incinerator, 4/20/2009	Inspection of Recco incinerator	Completed	2/25/2009 15:20	2/26/2009 11:20	4/20/2009 8:55	0.00
33901	Daily PM-Incinerator, 4/27/2009	Inspection of Recco incinerator	Completed	4/16/2009 8:19	4/27/2009 10:46	4/29/2009 15:06	0.00
33939	Monthly PM-Incinerator, 5/1/2009	Checklist Inspection of Incinerator	Completed	4/16/2009 8:20	4/30/2009 10:18	5/4/2009 14:56	0.00
33972	Daily PM-Incinerator, 5/4/2009	Inspection of Recco incinerator	Completed	4/16/2009 8:20	4/30/2009 10:25	5/4/2009 15:03	0.00

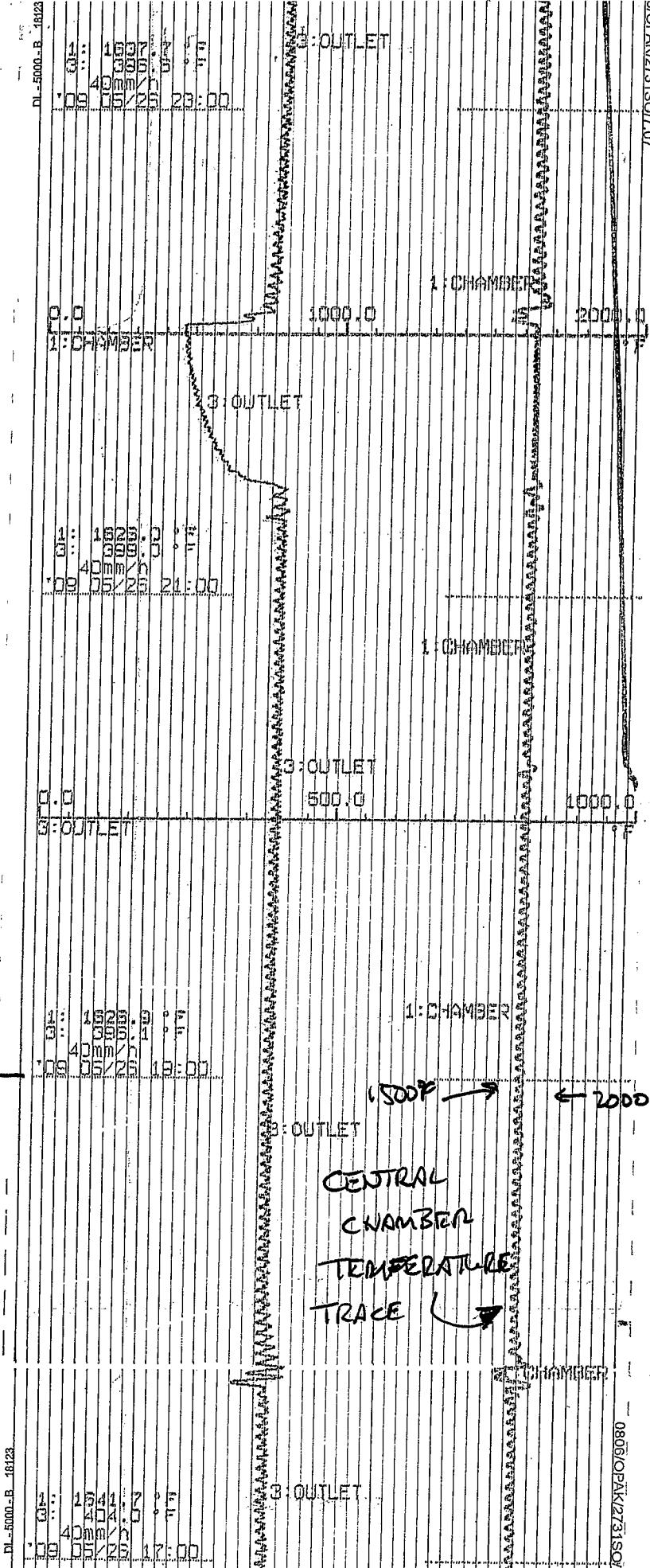
WO Number	Service	Description	Status	Requested	Issued	Completed	Cost
34004	Daily PM-Incinerator, 5/11/2009	Inspection of Recco incinerator	Completed	4/20/2009 9:04	4/30/2009 10:35	5/4/2009 15:09	0.00
34026	Daily PM-Incinerator, 5/18/2009	Inspection of Recco incinerator	Completed	4/20/2009 9:05	4/30/2009 12:21	5/26/2009 16:51	0.00
34053	Daily PM-Incinerator, 5/25/2009	Inspection of Recco incinerator	Completed	4/20/2009 9:06	5/5/2009 9:56	5/26/2009 16:59	0.00
34081	Monthly PM-Incinerator, 6/1/2009	Checklist Inspection of Incinerator	Completed	4/20/2009 9:07	5/5/2009 10:06	6/11/2009 14:53	0.00
34094	Daily PM-Incinerator, 6/1/2009	Inspection of Recco incinerator	Completed	4/20/2009 9:07	5/5/2009 10:09	6/11/2009 15:02	0.00
34121	Daily PM-Incinerator, 6/8/2009	Inspection of Recco incinerator	Completed	4/20/2009 9:08	5/5/2009 10:18	6/11/2009 15:09	0.00
34157	Daily PM-Incinerator, 6/15/2009	Inspection of Recco incinerator	Completed	4/20/2009 9:09	5/5/2009 10:27	6/11/2009 15:13	0.00
34177	Daily PM-Incinerator, 6/22/2009	Inspection of Recco incinerator	Completed	6/16/2009 10:16	6/16/2009 10:35	6/30/2009 10:45	0.00
34210	Daily PM-Incinerator, 6/29/2009	Inspection of Recco incinerator	Completed	6/16/2009 10:17	6/16/2009 10:44	6/30/2009 10:51	0.00
34233	Monthly PM-Incinerator, 7/1/2009	Checklist Inspection of Incinerator	Completed	6/16/2009 10:18	6/16/2009 10:55	7/10/2009 15:29	0.00
34253	Daily PM-Incinerator, 7/6/2009	Inspection of Recco incinerator	Completed	6/16/2009 10:18	6/16/2009 10:59	7/10/2009 15:33	0.00
34278	Daily PM-Incinerator, 7/13/2009	Inspection of Recco incinerator	Completed	6/16/2009 10:19	7/10/2009 15:39	7/10/2009 15:49	0.00
34301	Daily PM-Incinerator, 7/20/2009	Inspection of Recco incinerator	Completed	6/16/2009 10:20	7/28/2009 10:54	7/28/2009 10:54	0.00
34312	Annual PM-Incinerator, 7/20/2009	Checklist Inspection of Incinerator	Completed	6/16/2009 10:20	7/28/2009 10:59	7/28/2009 10:59	0.00
34329	Daily PM-Incinerator, 7/27/2009	Inspection of Recco incinerator	Completed	6/16/2009 10:20	7/28/2009 11:08	7/28/2009 11:08	0.00
34379	Daily PM-Incinerator, 10/12/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:30	10/14/2009 14:31	0.00
34382	Daily PM-Incinerator, 10/5/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:31	10/14/2009 14:31	0.00
34383	Daily PM-Incinerator, 8/10/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:31	10/14/2009 14:31	0.00
34384	Daily PM-Incinerator, 8/17/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:31	10/14/2009 14:31	0.00

WO Number	Service	Description	Status	Requested	Issued	Completed	Cost
34385	Daily PM-Incinerator, 8/24/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:32	10/14/2009 14:32	0.00
34386	Daily PM-Incinerator, 8/3/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:32	10/14/2009 14:32	0.00
34387	Daily PM-Incinerator, 8/31/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:32	10/14/2009 14:32	0.00
34388	Daily PM-Incinerator, 9/14/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:32	10/14/2009 14:32	0.00
34389	Daily PM-Incinerator, 9/21/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:33	10/14/2009 14:33	0.00
34390	Daily PM-Incinerator, 9/28/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:33	10/14/2009 14:33	0.00
34391	Daily PM-Incinerator, 9/7/2009	Inspection of Recco incinerator	Completed	10/14/2009 14:29	10/14/2009 14:33	10/14/2009 14:33	0.00
34392	Monthly PM-Incinerator, 10/1/2009	Checklist Inspection of Incinerator	Completed	10/14/2009 14:29	10/14/2009 14:33	10/14/2009 14:34	0.00
34393	Monthly PM-Incinerator, 8/3/2009	Checklist Inspection of Incinerator	Completed	10/14/2009 14:29	10/14/2009 14:34	10/14/2009 14:34	0.00
34394	Monthly PM-Incinerator, 9/1/2009	Checklist Inspection of Incinerator	Completed	10/14/2009 14:29	10/14/2009 14:34	10/14/2009 14:34	0.00

START - 5/26/09 - 19:00



22:00



0806/OPAK/2731SCV 07

02005123230000

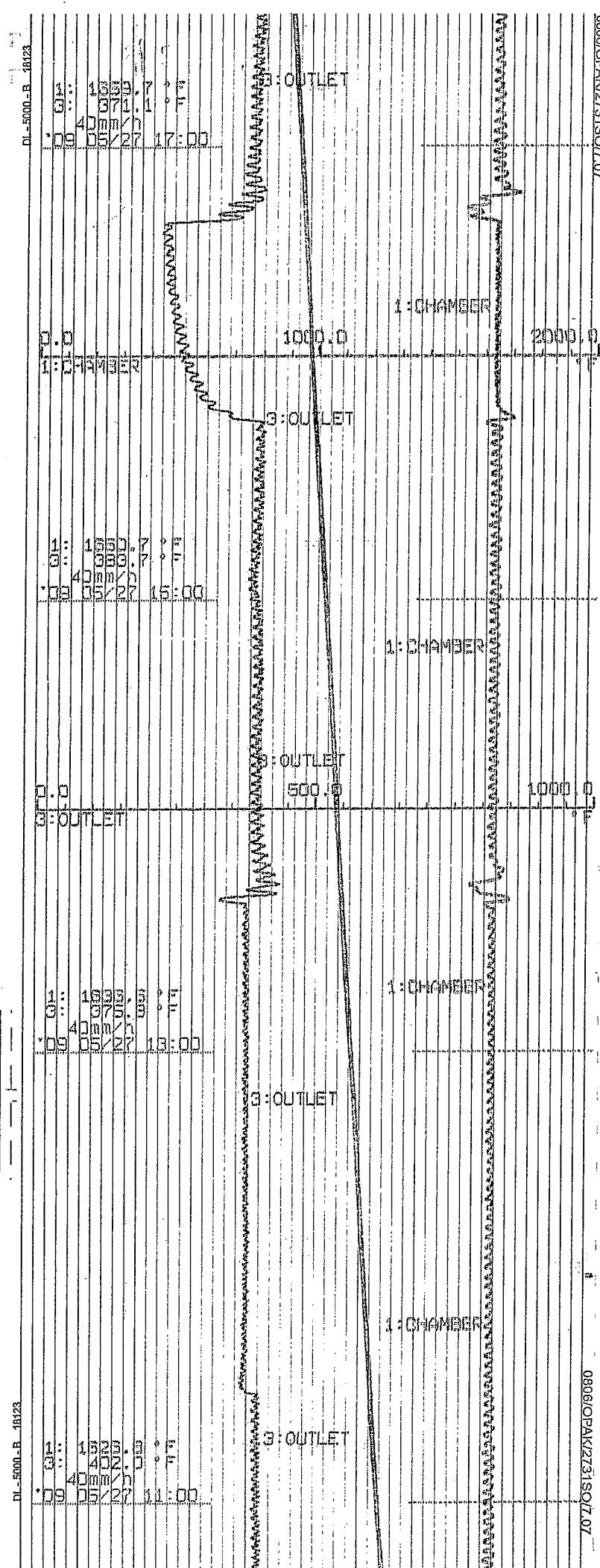
5/21/09 M. ONG 6108

DL-5000-B 18123							0806/OPAK/2731SO/LC
1	01:	00	00	00	00	00	1: CHAMBER
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0806/OPAK/2731SO/07

0806/OPAK/2731SO/11

DL-5000-B-18128	09 06/27 07:00	3: OUTLET	1000.0	1000.0	1: CHAMBER	2000.0
		3: OUTLET	500.0	500.0	1: CHAMBER	1000.0
		3: OUTLET	500.0	500.0	1: CHAMBER	1000.0
		3: OUTLET	500.0	500.0	1: CHAMBER	1000.0
		3: OUTLET	500.0	500.0	1: CHAMBER	1000.0



0806/OPAK/2731SO/27

0806/OPA

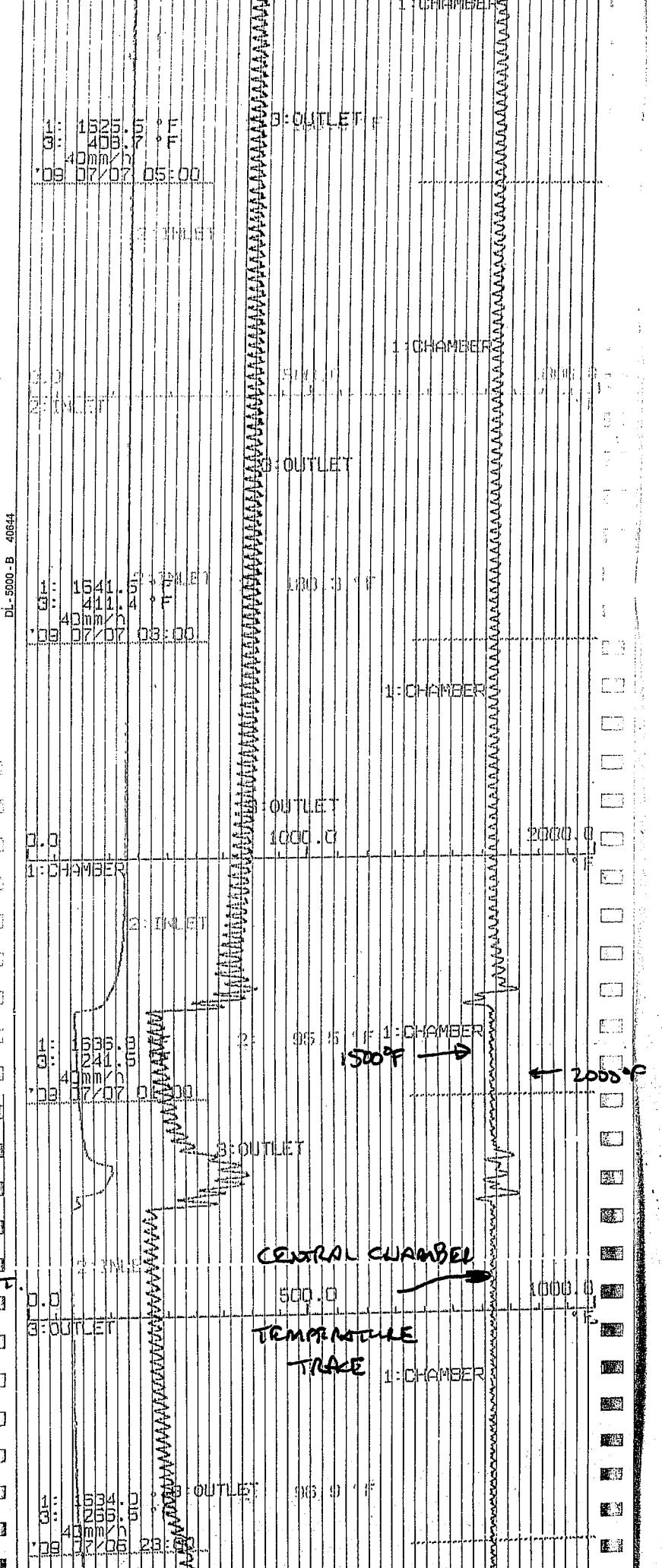
END - 5/27/05 - 19:00



DL-E600-B 18123

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START - 7/7/09 12:00 MIDNIGHT



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11:15 AM
13:45 PM

2-1988 00 00 1: CHAMBER

223 : OUTLET

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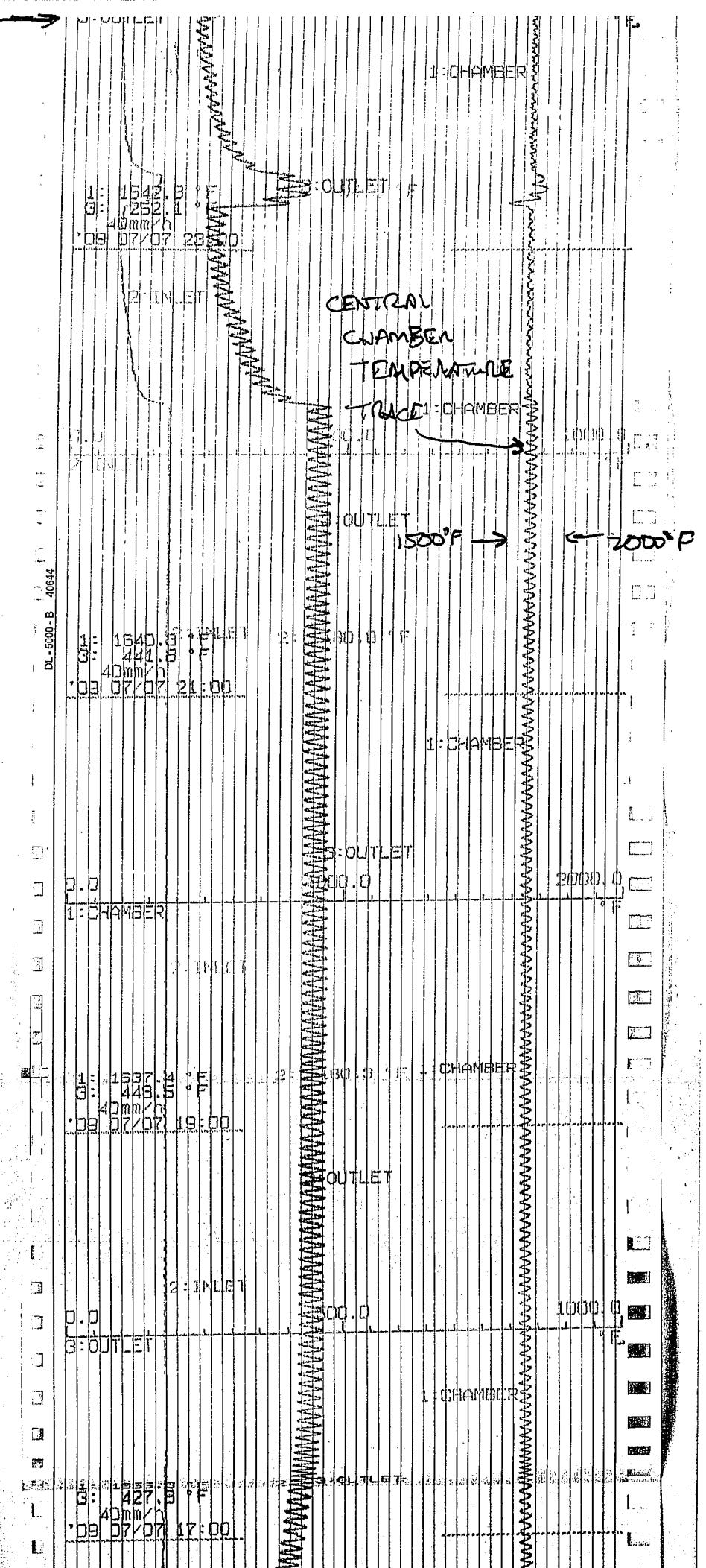
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END - 7/7/09 - 12:00
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MIDNIGHT

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ANNUALIZED VOC EMISSIONS AND VOC AND HAP EMISSION LOG

PERMIT CONDITION E4-12

YEARLY VOC/HAP EMISSIONS LOG FOR SOURCE 32-0169-01

MONTH/YEAR		VOC EMISSIONS (tons VOC per month)	(*)VOC EMISSIONS (tons VOC per 12 months)	(*)TOTAL HAP EMISSIONS (tons HAP per 12 months)	(*)HAP Emissions (tons HAP per month)	Number of Months Summed
October-06		4.08	36.68	0.003	5.088	12
November-06		3.30	38.61	0.003	4.031	12
December-06		2.56	40.15	0.002	3.193	12
January-07		3.59	42.81	0.003	2.187	12
February-07		3.29	44.92	0.002	1.179	12
March-07		3.85	44.58	0.002	0.031	12
April-07		2.41	43.10	0.002	0.031	12
May-07		4.35	43.24	0.002	0.032	12
June-07		3.46	42.82	0.003	0.033	12
July-07		2.34	41.61	0.002	0.033	12
August-07		4.31	41.81	0.003	0.032	12
September-07		2.92	40.86	0.003	0.032	12
October-07		2.17	38.95	0.002	0.031	12
November-07		2.38	38.03	0.003	0.030	12
December-07		1.91	37.38	0.002	0.030	12
January-08		3.15	36.54	0.003	0.030	12
February-08		3.00	36.25	0.003	0.031	12
March-08		2.90	35.30	0.003	0.031	12
April-08		3.26	35.42	0.004	0.033	12
May-08		2.88	33.95	0.003	0.034	12
June-08		2.80	33.29	0.003	0.034	12
July-08		2.70	33.65	0.002	0.034	12
August-08		2.49	31.83	0.003	0.034	12
September-08		2.78	31.69	0.003	0.033	12
October-08		2.84	33.10	0.002	0.033	12
November-08		2.20	32.92	0.003	0.033	12
December-08		1.91	32.92	0.002	0.033	12
January-09		2.35	32.12	0.003	0.033	12
February-09		2.57	31.69	0.003	0.033	12
March-09		2.90	31.69	0.003	0.033	12
April-09		3.26	31.69	0.004	0.033	12
May-09		2.88	31.69	0.003	0.033	12
June-09		1.85	30.74	0.002	0.032	12
July-09		2.70	30.74	0.002	0.032	12
August-09		0.08	28.33	0.000	0.030	12
September-09		0.13	25.67	0.000	0.027	12

(*) The Tons per 12 Month value is the sum of the VOC (or HAP) emissions in the 11 months preceding the month just completed + the VOC (or HAP) emissions in the month just completed. If data is not available for the 11 months preceding the initial use of this log, this value will be equal to the value for tons per month. For the second month, it will be the sum of the first month and the

(**) These values are added together only for the Fee Accounting Period, which begins on July 1 of any given calendar year and ends on June 30 of the next calendar year.

MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT
 (AOS #1)

SOURCE 32-0169-01

MONTH AND YEAR: April 2009

COATING MATERIALS		AOS #1 Used: YES		NO	
MATERIAL NAME	USAGE (gallons per month)	ADJUSTED USAGE (gallons per month excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	MEK CONTENT (pounds MEK per gallon)	HAP CONTENT (pounds HAP per gallon)
C31					
C25					
Coating ₃					
Coating ₁					
Thinner/Solvent ₁					
Thinner/Solvent ₂					
Thinner/Solvent ₃					
Thinner/Solvent ₄					
SUBTOTALS					
MONTHLY WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):					
LINE 1 FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.					
MATERIAL NAME	USAGE (gallons per month)	ADJUSTED USAGE (gallons per month excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	HAP CONTENT (pounds HAP per gallon)	HAP EMISSIONS (tons HAP per month)
Material ₁					
Material ₂					
Material ₃					
Material ₄					
SUBTOTALS					
TOTALS:					

Where:

i = 1, 2, 3... n = the number of different coatings/materials;

p = 1, 2, 3... m = the number of different hazardous air pollutants; and

q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01
MONTH AND YEAR: April 2009

Mixture	Usage (lbs per month)	VOC Emissions
		Tons
C4	0	
C7	125237	
C16	0	
C25	0	
C31	208447	
C37	34390	
C43	0	
C51	0	
C9	0	
ND2	0	
RD6	0	
Cleanup (MEK)	658	
		3.26

COATING MATERIALS, LINE FLUSH SOLVENTS, CLEAN UP SOLVENTS, ETC.						
MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (# by volume)	ADJUSTED USAGE (gallons per month excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC USED (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)
E31	16041		4.61	36.97	4.61	36.97
MEK	14046		6.71	47.13	6.71	47.13
E16	0		5.20	0.00	4.33	0.00
E4	0		0.25	0.00	0.00	0.00
E7	9872		0.32	1.58	0.00	0.00
IPA	3001		6.55	9.83	0.00	0.00
E25	0		0.30	0.00	0.00	0.00
E25-D	0		3.50	0.00	0.00	0.00
E43	0		5.40	0.00	5.38	0.00
E51	0		0.85	0.00	0.00	0.00
E9	0		0.00	0.00	0.00	0.00
ND2	0		6.00	0.00	0.00	0.00
RD6	0		6.15	0.00	0.00	0.00
E37	4698		5.66	13.30	4.84	11.37
TOTALS:				108.80	95.47	0.00
CONTROLLED EMISSIONS				3.26	2.86	0.00
						0.00

Where:
 $i = 1, 2, 3... n = \text{the number of different materials; and}$
 $p = 1, 2, 3... m = \text{the number of different hazardous air pollutants.}$

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

**MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT
(AOS #1)**

SOURCE 32-0169-01

MONTH AND YEAR: May 2009

AOS #1 Used: YES NO XX

COATING MATERIALS		AOS #1			
MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)
				MEK (bounds MEKE per gallon)	MEK EMISSIONS (tons MEKE per month)
C31					
C25					
Coating ₃					
Coating ₄					
Thinner/Solvent ₁					
Thinner/Solvent ₂					
Thinner/Solvent ₃					
Thinner/Solvent _q					
SUBTOTALS					
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):					
LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.					
MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)
Material ₁					
Material ₂					
Material ₃					
Material ₄					
SUBTOTALS					
TOTALS:					

Where:

i = 1, 2, 3... n = the number of different coatings/materials;

p = 1, 2, 3... m = the number of different hazardous air pollutants; and

q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;
Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01
MONTH AND YEAR: May 2009

Mixture	Usage (lbs per month)	VOC Emissions
		Tons
C4	0	2.88
C7	121609	
C16	0	
C25	0	
C31	217769	
C37	11357	
C43	0	
C51	0	
C9	0	
ND2	0	
RD6	0	
Cleanup (MEK)	658	

COATING MATERIALS LINE FLUSH/SOLVENTS/CLEAN UP SOLVENTS, ETC.					
MATERIAL NAME	USAGE(gallons per month)	WATER & FLOW MFT COMPOUND (% by volume)	ADJUSTED USAGE(gallons per month)(excluding water and solvent compounds)	VOC CONTENT (pounds VOC per gallon)	MEK CONTENT (pounds MEK per gallon)
E31	16758		3.78	31.67	31.57
MEK	14670		6.71	49.22	49.22
E16	0		5.20	0.00	4.33
E4	0		0.25	0.00	0.00
E7	9586		0.32	1.53	0.00
IPA	2850		6.55	9.33	0.00
E25	0		0.30	0.00	0.00
E25-D	0		3.50	0.00	0.00
E43	0		5.40	0.00	5.38
E51	0		0.85	0.00	0.00
E9	0		0.00	0.00	0.00
ND2	0		6.00	0.00	0.00
RD6	0		6.15	0.00	0.00
E37	1552		5.66	4.39	4.84
TOTALS:			96.15	84.54	0.00
CONTROLLED EMISSIONS:			2.88	2.54	0.00

Where:

 $i = 1, 2, 3... n = \text{the number of different materials; and}$ $p = 1, 2, 3... m = \text{the number of different hazardous air pollutants.}$

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT
 (AOS #1)
 SOURCE 32-0169-01
 MONTH AND YEAR: June 2009

COATING MATERIALS		AOS #1 Used: YES		NO XX	
MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	HAP EMISSIONS (tons VOC per month)	HAP EMISSIONS (tons HAP per month)
			(% by volume)		
C31					
C25					
Coating _q					
Coating _j					
Thinner/Solvent ₁					
Thinner/Solvent ₂					
Thinner/Solvent ₃					
Thinner/Solvent _q					
SUB TOTALS					
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):					
LINE FLUSH SOLVENTS, ETC.		AOS #1 Used: YES		NO XX	
MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	HAP EMISSIONS (tons HAP per month)	HAP EMISSIONS (tons HAP per month)
			(% by volume)		
Material ₁					
Material ₂					
Material ₃					
Material _q					
SUB TOTALS					
TOTALS:					

Where:

i = 1, 2, 3... n = the number of different coatings/materials;

p = 1, 2, 3... m = the number of different hazardous air pollutants; and

q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01
MONTH AND YEAR: June 2009

Mixture	Usage (lbs per month)	VOC Emissions
C4	0	
C7	118233	
C16	0	
C25	0	
C31	136469	
C37	1121	
C43	0	
C51	0	
C9	54735	
ND2	0	
RD6	0	
Cleanup (MEK)	617	
		1.85 Tons

MATERIAL NAME	USAGE (gallons per month)	COATING MATERIALS LINE		FLUSH SOLVENTS		CLEAN UP SOLVENTS ETC.	
		ADJUSTED USED VOC (gallons per month)	VOC CONTENT (% by volume)	VOC USED (tons VOC per month)	MEK content (tons MEK per month)	Toluene content (tons Toluene per month)	Toluene USED (tons Toluene per month)
E31	10502	3.78	19.85	3.77	19.78	0.01	0.07
MEK	9224	6.71	30.95	6.71	30.95	0.00	0.07
E16	0	5.20	0.00	4.33	0.00	0.00	0.00
E4	0	0.25	0.00	0.00	0.00	0.00	0.00
E7	9323	0.32	1.49	0.00	0.00	0.00	0.00
IPA	2743	6.55	8.98	0.00	0.00	0.00	0.00
E25	0	0.30	0.00	0.00	0.00	0.00	0.00
E25-D	0	3.50	0.00	0.00	0.00	0.00	0.00
E43	0	5.40	0.00	5.38	0.00	0.00	0.00
E51	0	0.85	0.00	0.00	0.00	0.00	0.00
E9	6432	0.00	0.00	0.00	0.00	0.00	0.00
ND2	0	6.00	0.00	0.00	0.00	0.00	0.00
RD6	0	6.15	0.00	0.00	0.00	0.00	0.00
E37	153	5.66	0.43	4.84	0.37	0.00	0.00
TOTALS:	38377			61.70	51.10	0.07	0.07
CONTROLLED EMISSIONS:				1.85	1.53	0.00	0.00

Where:

$i = 1, 2, 3 \dots n$ = the number of different materials; and

$p = 1, 2, 3 \dots n$ = the number of different hazardous air pollutants.

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

**MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT
(AOS #1)**

SOURCE 32-0169-01

MONTH AND YEAR: July 2009

							AOS #1 Used: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> XX		
COATING MATERIALS		WATER & EXEMPT COMPOUND (gallons per month)	ADJUSTED USAGE (gallon per month excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	HAP EMISSIONS (tons HAP per month)	HAP CONTENT (pounds HAP per gallon)	TOTAL HAP EMISSIONS (tons HAP thru HAP per month)
C31									
C25									
Coating ₃									
Coating _i									
Thinner/Solvent ₁									
Thinner/Solvent ₂									
Thinner/Solvent ₃									
Thinner/Solvent _q									
SUBTOTALS									
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):									
LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.		WATER & EXEMPT COMPOUND (gallons per month)	ADJUSTED USAGE (gallon per month excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	HAP _i CONTENT (pounds HAP per gallon)	HAP _j EMISSIONS (tons HAP per month)	HAP _k CONTENT (pounds HAP per gallon)	TOTAL HAP EMISSIONS (tons HAP thru HAP per month)
Material ₁									
Material ₂									
Material ₃									
Material _l									
SUBTOTALS									
TOTALS:									

Where: i = 1, 2, 3.. n = the number of different coatings/materials;

p = 1, 2, 3... m = the number of different hazardous air pollutants; and

q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01
MONTH AND YEAR: July 2009

Mixture	Usage (lbs per month)	Cleanup (MEK)
C4	0	
C7	87258	
C16	0	
C25	0	
C31	166670	
C37	50110	
C43	0	
C51	0	
C9	0	
ND2	0	
RD6	1138	
		617

VOC Emissions 2.70 Tons

Tons

Mixture	Usage (lbs per month)	VOC Emissions	Tons
C4	0	2.70	
C7	87258		
C16	0		
C25	0		
C31	166670		
C37	50110		
C43	0		
C51	0		
C9	0		
ND2	0		
RD6	1138		
Cleanup (MEX)	617		

Where: $i = 1, 2, 3 \dots n$ = the number of different materials; and

$p = 1, 2, 3 \dots m$ = the number of different hazardous air pollutants.

Use rows as required for the numbers of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT
 (AOS #1)

SOURCE 32-0169-01

MONTH AND YEAR: August 2009

AOS #1 Used: YES

NO XX

COATING MATERIALS

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	MEK EMISSIONS (tons MEK per month)	HAP CONTENT (pounds HAP per gallon)	HAP EMISSIONS (tons HAP per month)	TOTAL HAP EMISSIONS (tons HAP thru HAP per month)
C31									
C25									
Coatings ₃									
Coatings _i									
Thinner/Solvent ₁									
Thinner/Solvent ₂									
Thinner/Solvent ₃									
Thinner/Solvent _q									
SUBTOTALS									
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):									

LINE FLUSH SOLVENTS CLEAN-UP SOLVENTS ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	HAP CONTENT (pounds HAP per gallon)	HAP EMISSIONS (tons HAP per month)	TOTAL HAP EMISSIONS (tons HAP thru HAP per month)
Material ₁								
Material ₂								
Material ₃								
Material _i								
SUBTOTALS								
TOTALS:								

Where:
 i = 1, 2, 3... n = the number of different coatings/materials;
 p = 1, 2, 3... m = the number of different hazardous air pollutants; and
 q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

1. i = 1, 2, 3... n = the number of different coatings/materials;
 2. p = 1, 2, 3... m = the number of different hazardous air pollutants; and
 3. q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01

MONTH AND YEAR: August 2009

Mixture	Usage (lbs per month)	VOC Emissions 0.08 Tons
C4	1299.21	
C7	4263.39	
C16	1571.02	
C25		
C31		
C37		
C43		
C51		
C9	4371.85	
ND2		
RD6		
Cleanup (MEK)	100.65	

COATING MATERIALS, LINE FLUSH SOLVENTS, CLEAN UP SOLVENTS, ETC.		
MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)
E31	328	
MEK	300	6.71
E16	0	5.20
E4	0	0.25
E7	102	0.32
PA	35	0.02
E25	0	6.55
E25-D	0	0.30
E43	0	3.50
E51	0	5.40
E9	514	0.85
ND2	0	0.00
RD6	0	0.00
E37	215	0.00
TOTALS:		
CONTROLLED EMISSIONS:		

VOC CONTENT
(pounds VOC per gallon)

MEK CONTENT
(pounds MEK per gallon)

Toluene content
(pounds Toluene per gallon)

Toluene USED (tons HAP thru HAP per month)

TOTAL HAP USED (tons HAP thru HAP per month)

Where: i = 1, 2, 3... n = the number of different materials; and

p = 1, 2, 3... m = the number of different hazardous air pollutants.

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT
 (AOS #1)
 SOURCE 32-0169-01
 MONTH AND YEAR: September 2009

COATING MATERIALS							AOS #1 Used: YES				NO XX			
MATERIAL NAME	USAGE (gallons per month)	WATER ¹ EXEMPT COMPOUND	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	MEK EMISSIONS (tons MEK per month)	HAP CONTENT (pounds HAP per gallon)	HAP EMISSIONS (tons HAP per month)	TOTAL HAP EMISSIONS (tons HAP thru HAP per month)				
C31														
C25														
Coatings ₃														
Coating _i														
Thinner/Solvent ₁														
Thinner/Solvent ₂														
Thinner/Solvent ₃														
Thinner/Solvent _q														
SUBTOTALS														
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):														
LINE FLUSH/SOLVENTS, CLEAN UP/SOLVENTS, ETC.														
MATERIAL NAME	USAGE (gallons per month)	WATER ¹ EXEMPT COMPOUND	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	HAP CONTENT (pounds HAP per gallon)	HAP EMISSIONS (tons HAP per month)	HAP CONTENT (pounds HAP per gallon)	HAP EMISSIONS (tons HAP per month)	TOTAL HAP EMISSIONS (tons HAP thru HAP per month)				
Material ₁														
Material ₂														
Material ₃														
Material _q														
SUBTOTALS														
TOTALS:														

Where:

$i = 1, 2, 3 \dots n$ = the number of different coatings/materials;

$p = 1, 2, 3 \dots m$ = the number of different hazardous air pollutants; and

$q = 1, 2, 3 \dots r$ = the number of different thinners/solvents added to coatings;
 Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01

MONTH AND YEAR: September 2009

	Usage (lbs per month)	VOC Emissions
		Tons
C4	4378.44	
C7		0.13
C16		
C25		
C31	10127.81	
C37		
C43		
C51		
C9	4674.41	
ND2		
RD6		
Cleanup (MEK)	181.17	

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (%)	ADJUSTED USAGE (gallons per month)	COATING MATERIALS, LINE FLUSH SOLVENTS, CLEANUP SOLVENTS, ETC.			TOTAL VOC USED (tons per month)	TOTAL HAP USED (tons per month)
				VOC CONTENT (pounds VOC per gallon)	MEK CONTENT (pounds MEK per gallon)	Total VOC Content (pounds VOC per gallon)		
E31	779		3.78	1.47	3.77	1.47	0.01	0.01
MEK	705		6.71	2.36	6.71	2.36	0.00	0.00
E16	0		5.20	0.00	4.33	0.00	0.00	0.00
E4	0		0.25	0.00	0.00	0.00	0.00	0.00
E7	345		0.32	0.06	0.00	0.00	0.00	0.00
IPA	101		6.55	0.33	0.00	0.00	0.00	0.00
E25	0		0.30	0.00	0.00	0.00	0.00	0.00
E25-D	0		3.50	0.00	0.00	0.00	0.00	0.00
E43	0		5.40	0.00	5.33	0.00	0.00	0.00
E51	0		0.85	0.00	0.00	0.00	0.00	0.00
E9	549		0.00	0.00	0.00	0.00	0.00	0.00
ND2	0		6.00	0.00	0.00	0.00	0.00	0.00
RD6	0		6.15	0.00	0.00	0.00	0.00	0.00
E37	0		5.86	0.00	4.84	0.00	0.00	0.00
TOTALS:					4.22	3.83		
CONTROLLED EMISSIONS:					0.13	0.11		

Where: i = 1, 2, 3... n = the number of different materials; and

p = 1, 2, 3... m = the number of different hazardous air pollutants.

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

ANNUALIZED VOC EMISSIONS

PERMIT CONDITION E5-1

YEARLY VOC/HAP EMISSIONS LOG FOR SOURCE 32-0169-04

MONTH/YEAR	VOC EMISSIONS (tons VOC per month)	(***) VOC EMISSIONS (tons VOC per 12 months)	TOTAL HAP EMISSIONS		Number of Months Summed
			(tons HAP per month)	(tons HAP per month)	
October-06	12.68	150.53	0.00	0.00	12.00
November-06	12.19	152.37	0.00	0.00	12.00
December-06	9.7	151.11	0.00	0.00	12
January-07	12.19	156.13	0.00	0.00	12
February-07	11.22	156.21	0.00	0.00	12
March-07	11.54	155.39	0.00	0.00	12
April-07	7.61	157.29	0.00	0.00	12
May-07	13.62	159.67	0.00	0.00	12
June-07	10.36	157.62	0.00	0.00	12
July-07	8.76	157.94	0.00	0.00	12
August-07	10.91	157.88	0.00	0.00	12
September-07	9.30	159.69	0.00	0.00	12
October-07	8.8	127.63	0.00	0.00	12
November-07	8.21	128.49	0.00	0.00	12
December-07	6.39	126.18	0.00	0.00	12
January-08	9.98	117.07	0.00	0.00	12
February-08	11.30	116.68	0.00	0.00	12
March-08	10.18	115.21	0.00	0.00	12
April-08	10.82	118.42	0.00	0.00	12
May-08	9.98	114.78	0.00	0.00	12
June-08	9.11	113.53	0.00	0.00	12
July-08	9.33	114.11	0.00	0.00	12
August-08	10.91	114.11	0.00	0.00	12
September-08	9.21	114.02	0.00	0.00	12
October-08	9.88	114.02	0.00	0.00	12
November-08	8.9	114.91	0.00	0.00	12
December-08	7.25	114.76	0.00	0.00	12
January-09	8.18	113.87	0.00	0.00	12
February-09	8.42	111.29	0.00	0.00	12
March-09	10.0	111.20	0.00	0.00	12
April-09	7.39	107.76	0.00	0.00	12
May-09	6.62	104.41	0.00	0.00	12
June-09	8.15	103.45	0.00	0.00	12
July-09	9.67	103.79	0.00	0.00	12
August-09	0.50	93.37	0.00	0.00	12
September-09	0.78	84.94	0.00	0.00	12

(*) The Tons per 12 Month value is the sum of the VOC (or HAP) emissions in the 11 months preceding the month just completed + the VOC (or HAP) emissions in the month just completed. If data is not available for the 11 months preceding the initial use of this log, this value will be equal to the value for tons per month. For the second month, it will be the sum of the first month and the second month. Indicate in parentheses the number of months summed, that is, 6 (2) represents 6 tons emitted in 2 months.

(**) These values are added together only for the Fee Accounting Period, which begins on July 1 of any given calendar year and ends on June 30 of the next calendar year.

VOC AND HAP EMISSION LOG

PERMIT CONDITION E5-4

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
 SOURCE 32-0169-04
 MONTH AND YEAR: April 2009

Mixture	Usage (lbs per month)	VOC Emissions
C10	125140	
C11	0	
C40G	23352	
C42	0	
C50	0	
C52	0	
DP2000	0	
Q126	0	
Q149	4	

2.74 lbs VOC per gallon

COATING MATERIALS									
MATERIAL NAME	USES (gallons per month)	WATER & ELEMENT CONCENTRATION (%)	ADJUSTED USAGE (millions per month, excluding water and element consumed)	VOC CONTENT (ounces VOC per gallon)	VOC EMISSIONS (pounds VOC per month)	Catalyst/Ether EMISSIONS (pounds VOC per month, Not a HAP by EPA)	Methyl Ethyl Ketone EMISSIONS (pounds VOC per month, Not a HAP by EPA)	Methylene Chloride EMISSIONS (pounds VOC per month, Not a HAP by EPA)	Formaldehyde EMISSIONS (pounds VOC per month, Not a HAP by EPA)
DP2000	0		74.39	0.02	0.00	0.00	0.00	0.00	0.00
E10	8895	66.74	2958.34	0.15	0.22	0.00	0.00	0.00	0.00
E11	0	77.20	0.00	0.32	0.00	0.00	0.00	0.00	0.00
E40/E40G	1594	61.35	615.93	0.13	0.04	0.00	0.00	0.00	0.00
E40G-O	0	65.77	0.00	0.05	0.00000	0.02	0.00	0.00	0.00
E40G-Y	0	62.41	0.00	0.04	0.00000	0.02	0.00	0.00	0.00
E42	0	59.50	0.00	0.30	0.00	0.00	0.00	0.00	0.00
E42D	0	54.04	0.00	0.00	0.00000	0.00	0.00	0.00	0.00
E50-C	0	61.50	0.00	0.19	0.00	0.00000	0.00	0.00	0.00
E50-W	0	61.50	0.00	0.72	0.00	0.00	0.00	0.00	0.00
E52	0	69.04	0.00	0.97	0.00	0.00	0.00	0.00	0.00
E126	0	20.20	0.00	0.84	0.00	0.00	0.00	0.00	0.00
E149	0	30.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00
IPA	2180	0.10	2177.45	6.55	7.13	0.00	0.00	0.00	0.00
Thinner/Solvent ₂			0.00		0.00	0.00	0.00	0.00	0.00
Thinner/Solvent ₃			0.00		0.00	0.00	0.00	0.00	0.00
Thinner/Solvent ₄			0.00		0.00	0.00	0.00	0.00	0.00
SUBTOTALS:			5752.35		7.39	0.00	0.00	0.00	0.00
MONTHLY WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):									
2.74									

Where:
 $i = 1, 2, 3 \dots n$ = the number of different coatings/materials;

$p = 1, 2, 3 \dots$ m = the number of different hazardous air pollutants;

$q = 1, 2, 3 \dots r$ = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
 SOURCE 32-0169-04
 MONTH AND YEAR: May 2009

VOC Emissions	
2.80	lbs VOC per gallon

Usage (lbs per month)	
C10	93470
C11	0
C40	30198
C40G	2090
C42	0
C50	0
C52	0
DP2000	0
Q126	0
Q149	223

Coating Materials									
MATERIAL NAME	USAGE (gallon per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	GROSS EMISSIONS (gallons HAP per month)	NET EMISSIONS (gallons HAP per month)	FORMALDEHYDE HAP CONTENT (pounds HAP per gallon)	FORMALDEHYDE HAP EMISSIONS (tons HAP per month)
DP2000	0	74.39	0.00	0.02	0.00	0.00	0.00	0.00	0.00
E10	6644	66.74	2299.88	0.15	0.16	0.00	0.00	0.00	0.00
E11	0	77.20	0.00	0.32	0.00	0.00	0.00	0.00	0.00
E40/E40G	2176	61.35	841.12	0.13	0.05	0.00	0.00	0.00	0.00
E40G-O	1	65.77	0.51	0.05	0.00001	0.02	0.00	0.00	0.00
E40G-Y	4	62.41	1.44	0.04	0.0000	0.02	0.00	0.00	0.00
E42	0	59.50	0.00	0.30	0.00	0.00	0.00	0.00	0.00
E42D	0	0.00	0.00	3.50	0.000	0.00	0.00	0.00	0.00
E50-C	0	54.04	0.00	0.19	0.00	0.0000	0.00	0.00	0.00
E50-W	0	61.50	0.00	0.72	0.00	0.00	0.00	0.00	0.00
E52	0	69.04	0.00	0.97	0.00	0.00	0.00	0.00	0.00
E126	0	20.20	0.00	0.84	0.00	0.00	0.00	0.00	0.00
E149	26	30.00	18.43	0.00	0.00	0.00	0.00	0.00	0.00
IPA	1939	0.10	1957.53	6.55	6.41	0.00	0.00	0.00	0.00
Thinner/Solvent ₁			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent ₂			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent ₃			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTALS:			5028.90	6.62	6.62	0.00	0.00	0.00	0.00
MONTHLY WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):									
2.80									

LINE FLUSH SOLVENTS, CLEANUPS, ETC.									
MATERIAL NAME	USAGE (gallon per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	GROSS EMISSIONS (gallons HAP per month)	NET EMISSIONS (gallons HAP per month)	FORMALDEHYDE HAP CONTENT (pounds HAP per gallon)	FORMALDEHYDE HAP EMISSIONS (tons HAP per month)
IPA	0		6.55	0.00	0.00	0.00	0.00	0.00	0.00
Material ₁			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Material ₂			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Material ₃			0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTALS:			0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:			6.62	6.62	0.00	0.00	0.00	0.00	0.00

i = 1, 2, 3... n = the number of different coatings/materials;

p = 1, 2, 3... m = the number of different hazardous air pollutants;

q = 1, 2, 3... q = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different hazardous air pollutants.

Where:

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
 SOURCE 32-0169-04
 MONTH AND YEAR: June 2009

Material	Usage(lbs per month)	VOC Emissions
C10	1300.76	2.78
C11	0	
C40	16604	
C40G	4514	
C42	0	
C50	0	
C52	0	
DP2000	0	
Q126	0	
Q149	2	

lbs VOC per gallon

Coating Materials									
MATERIAL NAME	WATER & EXEMPT COMPOUND(MATERIALS) (ton/month)	ADJUSTED USAGE (ton/month excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	GROSS VOC EMISSIONS (tons VOC per month)	Glycol Ether EMISSIONS (tons HAP per month by EPA)	Nitro Methylacetoate EMISSIONS (tons HAP per month)	Formaldehyde EMISSIONS (tons HAP per month)	Styrene EMISSIONS (tons HAP per month)	TOTAL HAP EMISSIONS (tons HAP per month)
DP2000	0	74.39	0.00	0.02	0.00	0.00	0.00	0.00	0.00
E10	9886	66.74	3288.13	0.15	0.24	0.00	0.00	0.00	0.00
E11	0	77.20	0.00	0.32	0.00	0.00	0.00	0.00	0.00
E40/E40G	1382	61.35	534.32	0.13	0.03	0.00	0.00	0.00	0.00
E40G-O	3	65.77	1.10	0.05	0.00003	0.02	0.00	0.00	0.00
E40G-Y	8	62.41	3.10	0.04	0.0001	0.02	0.00	0.00	0.00
E42	0	59.50	0.00	0.30	0.00	0.00	0.00	0.00	0.00
E42D	0	0.00	0.00	3.50	0.0000	0.00	0.00	0.00	0.00
E50-C	0	54.04	0.00	0.19	0.00	0.00	0.001	0.00	0.00
E50-W	0	61.50	0.00	0.72	0.00	0.00	0.00	0.00	0.00
E62	0	69.04	0.00	0.97	0.00	0.00	0.00	0.00	0.00
E126	0	20.20	0.00	0.84	0.00	0.00	0.00	0.00	0.00
E149	0	30.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00
IPA	2407	0.10	2404.65	6.55	7.88	0.00	0.00	0.00	0.00
Thinner/Solvent ₁		0.00		0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent ₃		0.00		0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent ₉		0.00		0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTALS		6231.47		8.15	0.00	0.00	0.00	0.00	0.00
MONTHLY WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):									
2.78									

Line Flush Solvents/Cleanups/Solvents/Etc									
MATERIAL NAME	WATER & EXEMPT COMPOUND(MATERIALS) (ton/month)	ADJUSTED USAGE (ton/month excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	GROSS VOC EMISSIONS (tons VOC per month)	Glycol Ether EMISSIONS (tons HAP per month by EPA)	Nitro Methylacetoate EMISSIONS (tons HAP per month)	Formaldehyde EMISSIONS (tons HAP per month)	Styrene EMISSIONS (tons HAP per month)	TOTAL HAP EMISSIONS (tons HAP per month)
IPA	0		6.55	0.00		0.00			0.00
Material ₂				0.00		0.00			0.00
Material ₃				0.00		0.00			0.00
SUBTOTALS:				8.15	0.00	0.00	0.00	0.00	0.00
Where:	2.78								

i = 1, 2, 3... n = the number of different coatings/materials;

p = 1, 2, 3... m = the number of different hazardous air pollutants;

q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
 SOURCE 32-0169-04
 MONTH AND YEAR: July 2009

Material	Usage (lbs per month)	VOC Emissions
C10	166343	
C11	0	
C40	16839	
C40G	4692	
C42	0	
C50	0	
C52	0	
DP2000	0	
Q126	0	
Q149	0	

2.81 lbs VOC per gallon

COATING MATERIALS									
MATERIAL NAME	USAGE (gallon per month)	WATER & EXC. WATER (gallon per month)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (pounds VOC per month)	Glycol Ether fractions from coatings (ton/HAP per month by EPA)	Glycol Ether fractions from coatings (ton/HAP per month by EPA)	Weighted VOC content (pounds HAP per gallon)	Formaldehyde Content (pounds HAP per gallon)
DP2000	0	74.39	0.00	0.02	0.00	0.00	0.00	0.00	0.00
E10	11824	66.74	392.79	0.15	0.29	0.00	0.00	0.00	0.00
E11	0	77.20	0.00	0.32	0.00	0.00	0.00	0.00	0.00
E40/E40G	1408	61.35	544.32	0.13	0.03	0.00	0.00	0.00	0.00
E40G-O	3	65.77	1.14	0.05	0.00003	0.02	0.00	0.00	0.00
E40G-Y	9	62.41	3.22	0.04	0.0001	0.02	0.00	0.00	0.00
E42	0	59.50	0.00	0.30	0.00	0.00	0.00	0.00	0.00
E42D	0	0.00	0.00	3.50	0.000	0.00	0.00	0.00	0.00
E50-C	0	54.04	0.00	0.19	0.00	0.0000	0.00	0.0001	0.00
E50-W	0	61.50	0.00	0.72	0.00	0.00	0.00	0.00	0.00
E52	0	69.04	0.00	0.97	0.00	0.00	0.00	0.00	0.00
E126	0	20.20	0.00	0.84	0.00	0.00	0.00	0.00	0.00
E149	0	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IPA	2858	0.10	285.25	6.55	9.35	0.00	0.00	0.00	0.00
Thinner/Solvent ₁		0.00		0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent ₂		0.00		0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent ₃		0.00		0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTALS:			7336.72	9.67	9.67			0.00	0.00
MONTHLY WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):									
LINEAR SOLVENTS, CLEANERS, ETC.									
MATERIAL NAME	USAGE (gallon per month)	WATER & EXC. WATER (gallon per month)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (pounds VOC per month)	Glycol Ether fractions from coatings (ton/HAP per month by EPA)	Glycol Ether fractions from coatings (ton/HAP per month by EPA)	Weighted VOC content (pounds HAP per gallon)	Formaldehyde Content (pounds HAP per gallon)
IPA	0			6.55	0.00	0.00	0.00	0.00	0.00
Material ₁					0.00	0.00	0.00	0.00	0.00
Material ₂					0.00	0.00	0.00	0.00	0.00
Material ₃					0.00	0.00	0.00	0.00	0.00
SUBTOTALS:					0.00	0.00	0.00	0.00	0.00
TOTALS:					9.67	9.67		0.00	0.00

Where:

$$i = 1, 2, 3... n = \text{the number of different coatings/materials};$$

$$p = 1, 2, 3... m = \text{the number of different hazardous air pollutants, and}$$

q = 1, 2, 3... = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

2.81

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
 SOURCE 32-0169-04
 MONTH AND YEAR: August 2009

Material	Usage(lbs per month)	VOC Emissions
C10	0	
C11	0	
C40	5255	
C40G	1254	
C42	0	
C50	0	
C52	0	
DP2000	0	
Q126	0	
Q149	0	

3.37 lbs VOC per gallon

COATING MATERIALS						
MATERIAL NAME	USAGE(gallons per month)	WATER & EXEMPT COMPOUND % by volume	ADJUSTED USAGE(gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether, pounds HAP per gallon) (Not a HAP by EPA)
DP2000	0		74.39	0.00	0.00	
E10	0		66.74	0.00	0.00	
E11	0		77.20	0.00	0.00	
E40/E40G	410	61.35	158.49	0.13	0.01	
E40G-O	1	65.77	0.31	0.05	0.00001	0.02
E40G-Y	2	62.41	0.86	0.04	0.00000	0.02
E42	0		59.50	0.00	0.00	
E42D	0		0.00	3.50	0.000	
E50-C	0	54.04	0.00	0.19	0.000	
E50-W	0	61.50	0.00	0.72	0.00	
E52	0	69.04	0.00	0.97	0.00	
E126	0		20.20	0.00	0.00	
E149	0		30.00	0.00	0.00	
IPA	149	1.00	147.86	6.59	0.49	
Thinner/Solvent ₁			0.00	0.00	0.00	
Thinner/Solvent ₃			0.00	0.00	0.00	
Thinner/Solvent ₅			0.00	0.00	0.00	
SUBTOTALS			307.31	0.50	0.00	
MONTHLY WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):						
						3.37

LINE FLUSH/SOLVENTS/CLEANERS/SOLVENTS, ETC.						
MATERIAL NAME	USAGE(gallons per month)	WATER & EXEMPT COMPOUND % by volume	ADJUSTED USAGE(gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether, pounds HAP per gallon) (Not a HAP by EPA)
IPA	0		6.55	0.00	0.00	
Material ₁			0.00	0.00	0.00	
Material ₃			0.00	0.00	0.00	
Material ₅			0.00	0.00	0.00	
SUBTOTALS			0.50	0.00	0.00	
TOTALS:						
						3.37

Where:
 $i = 1, 2, 3... n = \text{the number of different coatings/materials},$

$p = 1, 2, 3... m = \text{the number of different hazardous air pollutants};$ and

$q = 1, 2, 3... r = \text{the number of different thinners/solvents added to coatings};$
 Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
 SOURCE 32-0169-04
 MONTH AND YEAR: September 2009

Material	Usage (lbs per month)	VOC Emissions
C10	5620.20	
C11	0	
C40	0	
C40G	0	
C42	0	
C50	0	
C52	0	
DP2000	0	
Q126	0	
Q149	0	
SUBTOTALS:	567.22	2.88

lbs VOC per gallon

COATING MATERIALS									
MATERIAL NAME	Water (gallons per month)	Water & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (Tonnes VOC per month, excluding water and exempt compounds)	VOC CONTENT (Tonnes VOC per gallon)	VOC Emissions (Tonnes VOC per month)	GROSS Emissions (Tonnes HAP per month) (Not a HAP by EPA)	NET Emissions (Tonnes HAP per month)	CONTENT (Pounds HAP per gallon)	TOTAL HAP Emissions (Tonnes HAP per month)
DP2000	0		74.39	0.02	0.00	0.00	0.00	0.00	0.00
E10	400	66.74	132.88	0.15	0.01	0.00	0.00	0.00	0.00
E11	0	77.20	0.00	0.32	0.00	0.00	0.00	0.00	0.00
E40/E40G	528	61.35	204.11	0.13	0.01	0.00	0.00	0.00	0.00
E40G-O	0	65.77	0.00	0.05	0.00000	0.02	0.00	0.00	0.00
E40G-Y	0	62.41	0.00	0.04	0.00000	0.02	0.00	0.00	0.00
E42	0	59.50	0.00	0.30	0.00	0.00	0.00	0.00	0.00
E42D	0	0.00	3.50	0.0000	0.00	0.00	0.00	0.00	0.00
E50-C	0	54.04	0.00	0.19	0.00	0.00	0.00	0.00	0.00
E50-N	0	61.50	0.00	0.72	0.00	0.00	0.00	0.00	0.00
E52	0	69.04	0.00	0.97	0.00	0.00	0.00	0.00	0.00
E126	0	20.20	0.00	0.84	0.00	0.00	0.00	0.00	0.00
E149	0	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IPA	230	0.10	230.23	6.55	0.75	0.00	0.00	0.00	0.00
Thinner/Solvent ₁			0.00		0.00	0.00	0.00	0.00	0.00
Thinner/Solvents ₂			0.00		0.00	0.00	0.00	0.00	0.00
Thinner/Solvent ₃			0.00		0.00	0.00	0.00	0.00	0.00
SUBTOTALS:			567.22	0.78	0.00	0.00	0.00	0.00	0.00
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):									
2.88									

LINE/FLUSH/SOLVENTS/CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	Water (gallons per month)	Water & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (Tonnes VOC per month, excluding water and exempt compounds)	VOC CONTENT (Tonnes VOC per gallon)	VOC Emissions (Tonnes VOC per month)	GROSS Emissions (Tonnes HAP per month) (Not a HAP by EPA)	NET Emissions (Tonnes HAP per month)	CONTENT (Pounds HAP per gallon)	TOTAL HAP Emissions (Tonnes HAP per month)
PA	0		6.55	0.00	0.00	0.00	0.00	0.00	0.00
Material ₂			0.00		0.00	0.00	0.00	0.00	0.00
Material ₃			0.00		0.00	0.00	0.00	0.00	0.00
SUBTOTALS:			0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS:			0.78	0.78	0.00	0.00	0.00	0.00	0.00

Where:

i = 1, 2, 3... n = the number of different coatings/materials;

p = 1, 2, 3... m = the number of different hazardous air pollutants;

q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

DEVIATION REPORT

CURRENT PERIOD



VACUMET CORP.
METALLIZED PAPER DIVISION
5705 COMMERCE BOULEVARD
MORRISTOWN, TN 37814

(423) 586-5021
(423) 318-0420 (Fax)

September 24, 2009

Ms. Sunanda Shajikumar
Tennessee Department of Environment and Conservation
Air Pollution Control Division
9th Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1531

Dear Ms. Shajikumar:

Subject: Deviation Report, Emission Source Reference #32-0169-04

Under Permit #548849, Vacumet Corporation in Morristown, TN reported to you a deviation from the permit on September 24, 2009 by telephone. This is the written follow-up report also required under the permit.

The deviation was discovered during a routine records review of the monthly operations records for the Magnagraphics Coater (Emission Source #32-0169-04).

Under Section E5-2, Vacumet is required to notify you of any instance where the average monthly weighted average of coating is greater than 2.9 pounds of VOC per gallon of coating excluding water and/or exempt compounds. In August 2009, the average for the month was 3.37 pounds of VOC per gallon of coating excluding water and/or exempt compounds. Attached is the monthly reporting format that indicates the average pounds VOC per gallon of coating excluding water and/or exempt compounds.

The specific stack involved is that of the direct Magnagraphics Oven stack, SR02 that supports operations from the Magnagraphics Coater, Emission Source #32-0169-04.

The following is a data compilation for the Magnagraphics Coater during August 2009 affecting the specific emissions deviation.

Date of Operations	Amount of Coating Used	Hours of Operation	Excess VOC (lbs)
8/4/09	180 gallons	12 hrs	31.5 lbs
8/17/09	313 gallons	12 hrs	54.8 lbs
8/18/09	80 gallons	12 hrs	14.0 lbs
8/19/09	130 gallons	12 hrs	22.8 lbs
8/24/09	90 gallons	12 hrs	15.8 lbs
		Total Excess Emissions	138.9 lbs

The cause of the deviation was found in the product mix being created during August. As you are aware, significant changes have occurred at Vacumet's Morristown facility. In July 2009, an 80% staff reduction for the site occurred. This resulted in few remaining staff covering many different functions. This also changed the production significant with a focus on creating specific products rather than the general production that had taken place before the staff changes.

Looking at the specific production, several products that use coating well below 2.9 pounds VOC per

Deviation Report, August 2009, September 2006
Permit # 548489

Ms. Sunanda Shajikumar, September 24, 2009

Page 2

gallon of coating applied minus water and/or exempt compounds were not part of the monthly production on the Magnagraphics Coater. The two coatings that we used for specific product applications were both slightly above the 2.9 pounds VOC per gallon of coating applied minus water and/or exempt compounds. When the monthly average was calculated, the resulting monthly weighted average was 3.37 pounds VOC per gallon of coating applied minus water and/or exempt compounds and above the permit limit found in Section E5-2. It is noted that the level of production is very much curtailed with total emissions for the Magnagraphics Coater stack, designated SR02, were 992.92 pounds of VOC's or 0.05 tons VOC/month. This compares with average emissions of VOC's per month for the previous twelve months of 8.65 tons/month.

The actions taken include:

- Creation of a spreadsheet that will allow current staff an opportunity to project production for the month and estimate the pounds of VOC per gallon of coating applied minus water and/or exempt compounds.
- Reviewed the amounts of VOC in each coating to insure accurate reporting (the review found data accurate).
- Emphasis to the production and management team that permit limitations must be met in both regular (pre-July staff reduction) and current (limited staff) operations.

We have already conducted several production runs in September 2009. In reviewing the data for September, we may be close or have another possible deviation. That will be reported in early October and in the Semi-Annual Report due after October 1, 2009.

If you have further questions about this revision, please contact me at 423-585-3152 or by e-mail at khorvath@vacumet.com.

Sincerely,



Keith Horvath
Facility Manager

Enclosure (1)

KH/gcm

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
 SOURCE 32-0169-04
 MONTH AND YEAR: August 2009

MATERIAL	USAGE (gallons per month)	VOC Emissions
C10	0	
C11	0	
C40	5256	
C40G	1254	
C42	0	
C50	0	
C52	0	
DP2000	0	
Q126	0	
Q149	0	

3.37
lbs VOC per gallon

COATING MATERIALS						
MATERIAL NAME	USAGE (gallons per month)	WATER & VOC/Emissions (by excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	HAP EMISSIONS (tons HAP per month)	HAP CONTENT (pounds HAP per gallon)	HAP EMISSIONS (tons HAP per month)
DP2000	0	74.39	0.00	0.00	0.00	0.00
E10	0	66.74	0.00	0.00	0.00	0.00
E11	0	77.20	0.32	0.00	0.00	0.00
E10/E40G	410	61.35	158.51	0.01	0.00	0.00
E40G-O	1	65.77	0.31	0.000001	0.02	0.000001
E40G-Y	2	62.41	0.36	0.0000	0.02	0.00001
E42	0	59.50	0.00	0.00	0.00	0.00
E42D	0	0.00	3.50	0.00	0.00	0.00
E50-C	0	54.04	0.00	0.00	0.00	0.00
E50-W	0	61.50	0.00	0.00	0.00	0.00
E52	0	69.04	0.00	0.00	0.00	0.00
E126	0	20.20	0.00	0.00	0.00	0.00
E149	0	30.00	0.00	0.00	0.00	0.00
IPA	149	1.00	147.88	6.59	0.49	0.00
Thinner/Solvents		0.00		0.00	0.00	0.00
Thinner/Solvents		0.00		0.00	0.00	0.00
Thinner/Solvents		0.00		0.00	0.00	0.00
SUBTOTALS:		307.35		0.50	0.00	0.00
MONTHLY WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):						
3.37						

Where:
 $i = 1, 2, 3 \dots n$ = the number of different coatings/materials;
 $p = 1, 2, 3 \dots m$ = the number of different hazardous air pollutants; and
 $q = 1, 2, 3 \dots r$ = the number of different thinners/solvents added to coatings;
 Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MATERIAL NAME	USAGE (gallons per month)	WATER & VOC/Emissions (by excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	HAP EMISSIONS (tons HAP per month)	HAP CONTENT (pounds HAP per gallon)	HAP EMISSIONS (tons HAP per month)
Material ₁	35		6.71	0.01	0.00	0.00
Material ₂				0.00		0.00
Material ₃				0.00		0.00
SUBTOTALS:				0.01	0.00	0.00
TOTALS:				0.51	0.00	0.00